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THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 136 OCTOBER 30, 1939 Number 18

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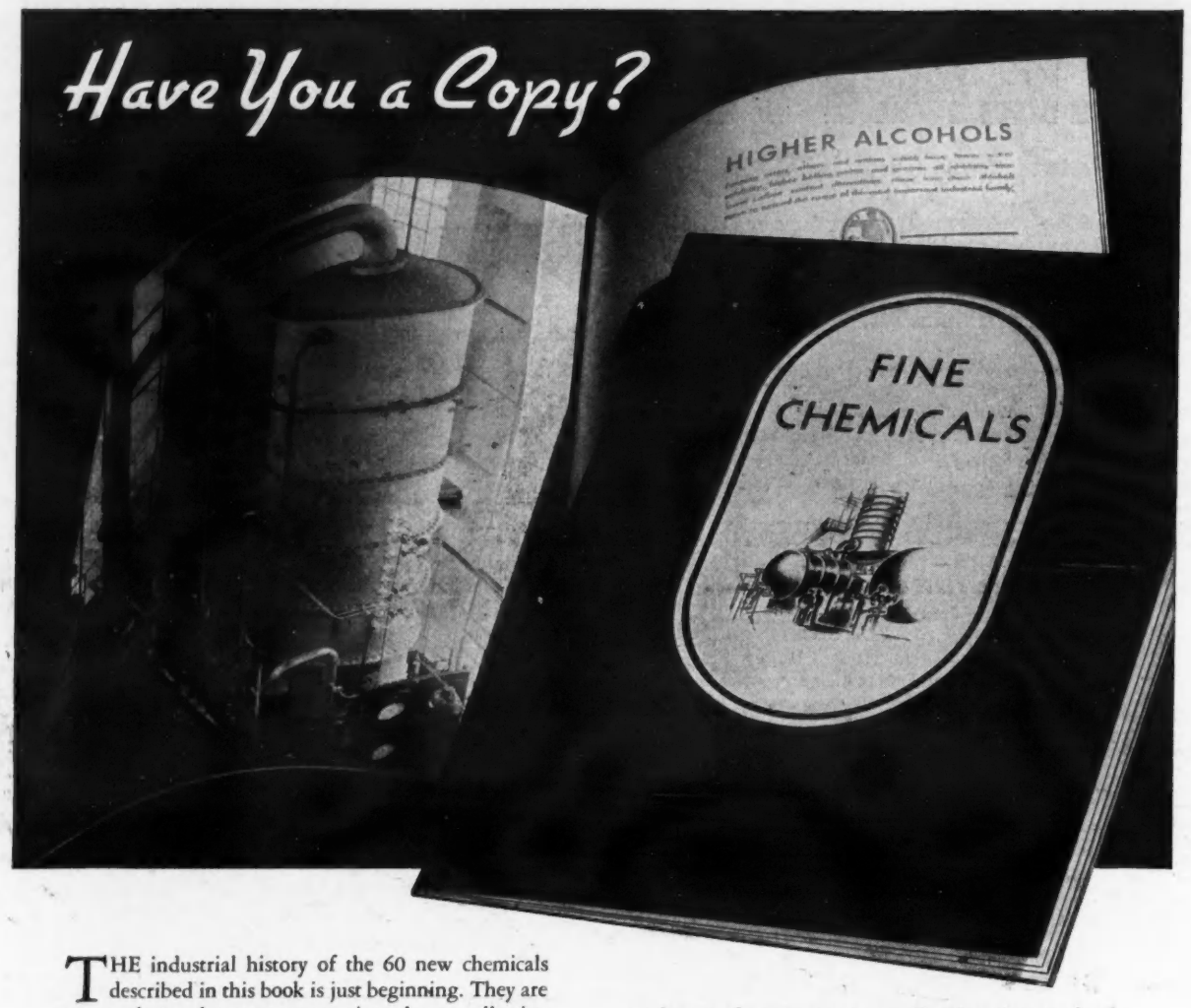

THE industrial history of the 60 new chemicals described in this book is just beginning. They are so new that we have not, as yet, given them a collective name—the term "Fine Chemicals" being adopted from our plant men. Once rare and costly curiosities with valuable properties, these so-called "fine" chemicals, including members of ten organic families, should not be considered laboratory reagents but rather as important commercial products. Many of them are being shipped in 5- and 10-drum lots and several in tank-car quantities.

Their properties, specifications, and applications have been compiled for the first time to make this attractive new book. Its 32 pages are filled with myriads of new product ideas, new means for process savings, and new ways to meet the changing needs of industry. For instance, Morpholine, one of the sixteen new amines described, has made it possible for manufacturers of floor wax to produce a product that is unaffected by wet-mopping. Also included is a complete list of 150 products of Carbide and Carbon Chemicals Corporation with their physical properties tabulated for quick reference—a veritable summary of commercial aliphatic chemistry.

Everyone interested in keeping up with the newer things in synthetic organic chemistry should have this book. A request on your company letterhead to the Fine Chemicals Division will bring you a copy.

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Oil, Paint and Drug Reporter

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Member: Audit Bureau of Circulations

Volume 136 OCTOBER 30, 1939 Number 18

RECEIVED OCT 30 1939 LIBRARY THE CHEMISTS' CLUB

U.S. Opium Supply Sufficient for Americas

OPD Washington Bureau
October 25, 1939

Large imports of crude opium sufficient to supply the normal needs of the United States and South American countries for several years have been imported under special licenses issued by the Bureau of Narcotics of the Treasury Department, it was learned today.

The announcement came in the form of a statement by the Department of State regarding continuance of international narcotic control work in spite of the European war, to which was appended a statement that the Treasury Department is taking steps to insure other American countries sufficient supplies of narcotic drugs to meet their medical needs during the continuance of the present disruption of the usual movement in the narcotic drug trade.

At the Bureau of Narcotics it was disclosed that this referred to action already taken to permit the importation of supplies of narcotic raw materials to take care of the medicinal needs of this country for several years and to permit exports to South American countries under the usual permit system if this becomes necessary as the result of a prolonged war. It was stated that the narcotics are stored in vaults under the supervision of the Treasury Department.

The Treasury Department is undertaking to insure that other American countries can obtain adequate supplies of narcotic drugs for medical needs in spite of disruptions to normal trade caused by the war. This was announced today by the Department of State in connection with correspondence between the Secretary of State and the Permanent Central Opium Board in Geneva, which revealed that the board will continue to operate during the war and that the United States will continue its cooperation with the board.

A.M.A. Decision Review Denied by High Court

OPD Washington Bureau
October 23, 1939

The Supreme Court of the United States today declined to review the decision of the Federal court in the District of Columbia dismissing an indictment against the American Medical Association and local physicians for activities alleged to have interfered with the operation of a cooperative health organization in violation of the Sherman antitrust act.

The Department of Justice sought to expedite an appeal by asking the court to review the decision of the district court before it has been passed on by the Federal Circuit Court, but the court refused to consider the case under these circumstances. An appeal has already been filed with the Circuit Court of Appeals for the District of Columbia, and the Department of Justice will press for argument of the case at an early date. Following decision by the Appeals Court another effort can be made by either party to secure review by the Supreme Court.

Drug Resources Committee Studies Buying Problems

OPD Washington Bureau
October 24, 1939

The initial meeting of the Drugs Resources Committee recently created at the request of the War Department was held today in the department's offices. The group was addressed by representatives of the office of the Surgeon General of the Army, and the Army and Navy Munitions Board regarding the probable activities of the group in case of war in assisting the army and navy in procurement problems and in co-ordinating supplies and distribution of medicinal products for commercial use.

Drug Act Labeling Exemptions Expected

OPD Washington Bureau
October 26, 1939

Regulations are expected to be issued within a few days covering exemptions from the labeling provisions of the food, drug and cosmetic act which becomes effective January 1, 1940.

The law permits the Secretary of Agriculture to grant an exemption from some provisions of the act for not more than six months to avoid the loss of labels already on hand.

Wheeler-Lea Penalty Enforced by F.T.C.

OPD Washington Bureau
October 26, 1939

The new penalty provisions of the Federal Trade Commission act added last year by the Wheeler-Lea amendment are being put into effect for the first time in a case against John Petrie, Chicago, which is scheduled to come to trial in the United States District Court in Chicago, November 20.

Trading under the names of Purity Products Company and B-X Laboratories, Petrie was ordered by the Federal Trade Commission in August, 1938, to cease and desist from representing certain feminine hygiene preparations as safe and effective. The commission now alleges six violations of this order and is seeking to recover the statutory penalty of $5,000 for each violation.

Before the Wheeler-Lea amendment the Federal Trade Commission had no way of enforcing its orders except by getting a Federal circuit court to affirm the order, after which a violation would be contempt of court. Under the new procedure the Department of Justice brings a civil suit to recover the penalties.

Prof. Domagk Named For 1939 Nobel Prize

Stockholm, Oct. 26, 1939

The 1939 Nobel prize in physiological medicine was awarded today to Prof. Gerhard Domagk of Germany for his discovery of prontosil, an anti-bacterial preparation used in treatment of various infectious diseases. Dr. Domagk and two assistants produced prontosil in 1932 from sulfanilamide, a red dye previously important only to the dye industry but subsequently used in the treatment of various infections. The award disregarded a decree by Chancellor Adolph Hitler forbidding Germans to accept any of the Nobel prizes.

The 1938 prize in physiological medicine, held over from last year, was awarded to Dr. Corneille Heymans, professor of pharmaco-dynamics at the University of Ghent for his detection of the importance of the sinus aorta mechanism in breathing.

Augusta Chain Store Tax Is Ruled Unconstitutional

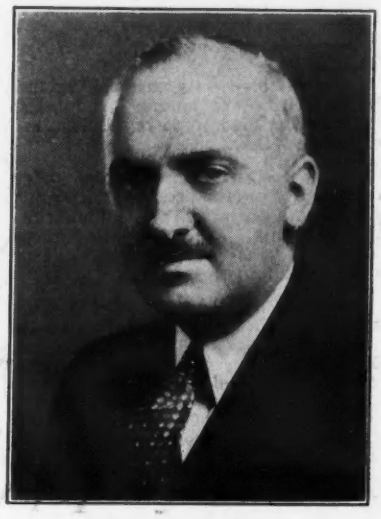
Louisville, Ga., Oct. 25, 1939

The city of Augusta chain store tax has been declared invalid by Judge Robert N. Hardeman in a decision handed down in the Middle Georgia Superior Court Circuit. The decision was given in a suit brought by the Southern Grocery Company, operator of the Rogers Food Stores in Georgia and South Carolina. The Augusta tax levied a graduated tax ranging up to $1,200 per store, based on the number of stores operated by a chain in the United States.

N.Y. Drug-Chemical Section Challenged Board of Trade Vote

A bit of unscheduled unfinished business was the outstanding item on the business program of the fourth annual Fall meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, in Skytop, Pa., October 20 and 21.

This had to do with the challenging of a vote of the parent organization in adopting a resolution calling for the inclusion in congressional action on the neutrality law of full recognition of the merchant marine acts declaration that shipping services should be provided "on all routes essential for maintaining the flow of such domestic and foreign waterborne commerce at all times." The section's executive committee had challenged the vote as not



William D. Barry
Chairman of DCAT

properly taken and not representative —only thirty-one members of the "big board" had voted—and had succeeded in having the action rescinded by the directors and the question laid before the entire membership of the board of trade. The purpose of this, it was brought out at Skytop, was not to shape opinions on the subject, but to provide recognition for the views of all.

This matter was explained to the Skytop meeting by Philip M. Dinkins, of the American Cyanamid & Chemical Corporation, at the request of the chairman, William D. Barry, of the Mallinckrodt Chemical Works.

Mr. Dinkins explained that the board of directors of the New York Board of Trade had decided by a vote of 12 to 11 not to include the neutrality act resolution in the agenda submitted to the membership at the monthly meeting

—Continued on page 41

Colors Certification Hearing Nov. 20

OPD Washington Bureau
October 23, 1939

Further amendments to the regulations for certification of coaltar dyes for use in foods, drugs and cosmetics will be considered at a public hearing called by the Food and Drug Administration for November 20 in the Department of Agriculture building.

Tentative changes in the regulations which will be the subject of the hearing have been published in the Federal Register. They propose a number of changes in the fees, labeling and packaging of small batches of colors for household food use, and also make a number of other changes in existing regulations and specifications, particularly in the specifications for lake colors. One new color is proposed to be added to the existing list for use in drugs and cosmetics to be known as "D & C red number 38."

Uruguay Chemical Trade With Germany Tabulated

Imports from Germany of the more important classes of chemicals recorded in the official Uruguayan foreign trade statistics for the year 1938 have been compiled by the Chemical Division of the Bureau of Foreign and Domestic Commerce. The tabulation is a part of the current program emphasizing Latin-American trade potentialities. It was reported with the tabulation that the total 1938 imports of chemicals and allied products into Uruguay from all countries had an approximate value exceeding $1,500,000. The itemized importations from Germany were as follows:—

	Kilograms.
Acetone	6,894
Acid, acetic and anhydride	38,470
Acetylsalicylic	5,165
Boric	5,960
Formic	16,163
Hydrochloric, Nitric, etc	5,791
Oxalic	7,055
Sulphuric and anhydride	26,793
Tartaric	34,078
Aluminum sulphate	444,250
Ammonia, liquid	63,540
Ammonium carbonate	1,180
Chloride	1,269
Sulphate	16,906
Anilines, general	130,927
Antimony oxides	1,750
Barium carbonate	5,160
Chloride	27,410
Benzoates	697
Benzol	60
Bichromates, potash and soda	6,497
Bismuth nitrate	1,607
Borax	1,138
Calcium chloride	27,750
Chlorates, n.e.s.	32,017
Colors for paints, n.e.s.	581,680
Dextrin	8,607
Dynamite	31,745
Ethyl chloride	90,916
Formaldehyde	5,236
Galalith and similar products	6,947
Glue	12,293
Hexamethylenetetramine	2,030
Ink, printing	45,237
Iron oxide	34,252
Lead acetate	2,800
Oxide	4,717
Tetrachloride	22,275
White and red	56,568
Manganese oxide	4,185
Methyl salicylate	1,229
Nitrates, potash and sodium	6,352
Ochers	130,927
Paints, automobile	22,865
Oil	31,368
Paste	2,783
Potash, caustic	16,622
Carbonate	8,170
Prussian blue	527
Pyroxylin sheets, rods, etc	15,844
Rosin and pitch	13,462
Silicates	5,730
Soap	6,345
Soda, bisulphate	85,095
Caustic	15,488
Hydrosulphide	6,144
Hyposulphite	735
Salicylate	3,045
Sulphide,	47,355
Toluol	1,016
Turpentine	28,440
Ultramarine	8,469
Varnishes	13,832

U.S. Wants Quinine Bids for 800,000 Ounces

OPD Washington Bureau
October 24, 1939

The Procurement Division of the Treasury Department is advertising for bids to be opened November 15, for the purchase of quinine sulphate under the strategic and critical materials act.

The quinine must meet the requirements of the eleventh edition of the United States Pharmacopeia and be shipped in 100-ounce tins and in cases of ten 100-ounce tins. Bids are asked on quantities of 500,000 to 800,000 ounces, although bids for larger and smaller amounts will be considered. Shipment is to be f.o.b. New York City or f.o.b. cars, United States Medical Depot, St. Louis, Missouri. The bid number is S-7.

Under the law the quinine must be kept by the War Department as a reserve stock for use in time of war except that materials subject to deterioration may be used and replaced.

Closing Market Developments

(October 27, 1939)

London Closing Cable

London, Oct. 27, 1939

Quotations on carnauba wax were 250s per hundredweight; bismuth metal, $1.25 per pound; sulphate of ammonia, £7 6s 6d for home consumption in lots of six tons.

Adeps Lanae Higher

Prices on adeps lanae were higher late last week, hydroud being quoted 29c. to 30c. per pound and anhydrous being held at 30c. to 31c. A firmer tone developed in podophyllin resin.

Origanum Advanced

Quotations on genuine origanum oil were advanced to $1.60 to $1.65 per pound late last week, and stocks were declared to be scarce.

Cottonseed Oil Quiet

Refined cottonseed oil futures were quiet on Friday, with narrow changes in prices. January closed at 6.85c. and May 7.09c., or about where they stood at the close of the previous week. Southern markets for cottonseed products were quiet and steady. Hog receipts were smaller. Sales of tallow were reported at unchanged prices.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Codeine:—Canada has ruled that codeine and preparations containing this drug shall hereafter be sold on prescription only. The ruling is stated to have been made as a war measure to conserve supplies.

Iodine:—The domestic sale in Germany of iodine and iodine solutions by nonpharmacists has been forbidden. Pharmacists may supply iodine only on doctor's prescription.

Fertilizers:—Netherlands has established an Artificial Fertilizer Ration Bureau at The Hague. Artificial fertilizers in stock, excluding the stocks of agriculturists or horticulturists destined for their own trade, will be reported to the bureau. Transportation of artificial fertilizers has been made subject to transportation license.

Manganese Ore Bids Being Studied by U.S.

OPD Washington Bureau
October 27, 1939

Government officials were still studying seven foreign and seven domestic bids for manganese ore today in an effort to determine which is the low bid. Bids for the ore, to be used for military reserves, were opened by the procurement division of the Treasury Department October 19.

Superficial examination disclosed that none of the bids exactly met all specifications. Prices were based on tons, units, and pounds. Some included duty and others did not. Some were for grades higher than the 48 percent specified and many did not meet all specifications for impurities. Officials are attempting to put them all on a comparable basis.

No bids were received for Brazilian, Gold Coast or Indian ore, but bids were received for Russian, South African, Cuban and Chilean material. Russian and Chilean ore bidders, however, did not meet specifications regarding bond and delivery, refusing to guarantee freight rates, insurance or delivery.

Trade Pacts Ratification By Senate Asked in Bill

OPD Washington Bureau
October 23, 1939

A bill (H.R. 7592) to require senate ratification of all reciprocal trade agreements negotiated by the Department of State was introduced in the house today by Representative Homer D. Angell, of Oregon. Similar proposals have been made in the past, but have never received action by Congress. The law under which reciprocal trade agreements are negotiated will expire next June, and it is anticipated that there will be much opposition to its extension unless modified to require senate ratification or unless restricted in some other way.

Chemical Demand Still Rising

Predominately upward trend of prices, and producers' difficulty in supplying demand for many items were the outstanding influences in the markets for industrial and fine chemicals last week. Getting supplies sufficient to cover the demands of all customers was the chief difficulty of many manufacturers.

Prices were advanced on acetate of copper, barbital, black cobalt oxide, Chicago high-grade ground blood, chloral hydrate, copal, dammar, rosin, and thus gums, cup valonia, imported hydrate of barium, imported silicofluoride of soda, isopropyl acetate, J1 and J2 myrobalans, red arsenic, rosin oil, softwood charcoal, and sulphate of cobalt.

Reductions in prices were made on California and imported blood, California fish meal, corn dextrin, starch, and sugar, quicksilver and sulphate of potash.

The REPORTER'S composite index number of prices for heavy and fine chemicals held at 127.8 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.5, compared with 88.8 at this time last year and 90.2 in 1937.

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Pest Ass'n Asks U.S. To Increase Research Fund

Increased appropriations by the Federal government for research in the control of household insects were asked in resolution form at the seventh annual meeting of the National Pest Control Association, held in the Hotel Pennsylvania, this city, October 23-25. Approximately 400 members and guests were in attendance.

This resolution was predicated on the statement by Dr. P. N. Annand, assistant chief of the Bureau of Entomology and Plant Quarantine, who declared that, despite the $50,000,000 loss caused by termintes, the Federal government appropriated only $11,400 for research on the control of that insect. He pointed out that approximately $2,000,000 was spent annually by the Federal government for research on insects generally, but, he added, the major portion of that money was spent in research on pests in agriculture. He attributed the discrepancy to the pressure of organized agriculturists, pointing out that householders never have attempted to bring organized pressure for the eradication of household insects.

—*Continued on page* 52

Blank & Stoller

W. O. Buettner
(Re-Elected Secretary)

Agricultural Chemists Convention Starts Today

OPD Washington Bureau
October 23, 1939

The fifty-fifth annual meeting of the Association of Official Agricultural Chemists will be held in the Raleigh Hotel, Washington, October 30-31 and November 1.

A prominent feature of the meeting will be the Wiley Memorial address October 30, by Dr. Paul B. Dunbar, assistant chief of the Food and Drug Administration, on the subject, "A New Law Brings New Problems." The association, which is composed exclusively of Federal and State chemists and regulatory officials, will hear some 200 papers dealing with improving methods of analyzing foods, drugs, fertilizers, paints, beverages, spices, insecticides, and feed stuffs.

Fertilizer Ass'n Meeting In Atlanta Nov. 7-8

The fifteenth annual Southern convention of the National Fertilizer Association will be held November 7-8 in the Biltmore Hotel, Atlanta. The annual banquet will be held Tuesday evening. The following program is scheduled:—

Tuesday, Nov. 7

Address, J. E. Sanford, president of the National Fertilizer Association.

"Boundless Business Frontiers," Clem D. Johnston, president of the Roanoke Public Warehouse, Roanoke, Va.

"Facing Our Problems," Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association.

Wednesday, Nov. 8

"The Consumer Survey in the South," H. R. Smalley, director of soil improvement work of the National Fertilizer Association.

"Our Changing Southern Agriculture," Dr. Paul W. Chapman, Dean, College of Agriculture, University of Georgia, Athens, Ga.

"Plant Food Developments," Dr. H. H. Zimmerley, director, Virginia Truck Experiment Station, Norfolk, Va.

Chemical Workers And Payrolls Gain

Employment Up 7.7 Percent—Payrolls Also Show Increase—Both Are Above 1938 Figures

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an increase of 7.7 percent from August 15 to September 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 2.6 percent above the corresponding level of 1938. Payrolls showed an increase of 4.6 percent from August 15 to September 15 and stood 5.3 percent above the corresponding level for 1938.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries September 15, 1939, was 117.6 (100 equals 1923-25 average), compared with 109.1 for August 15 and 114.6 for September last year. For payroll totals the index number was 124.4 (same basis), compared with 118.9 for August and 118.1 for September last year.

The bureau's general index numbers for all manufacturing industries September 15, 1939, showed the following comparisons:—

	Sept. 1939.	Aug. 1938.	Sept. 1938.
Employment	100.1	96.4	92.0
Payroll totals	93.7	89.8	81.6

Employment in the chemical group of industries was 23.5 percent above the average for all industries. Payroll totals were 50.2 percent above the general average for all industries.

Detailed Comparisons

Employment

(100=1923-25 average)

	Sept. 1939.	Aug. 1938.	Sept. 1938.
Chemicals	123.7	119.1	114.5
Cottonseed oil, cake and meal	109.9	56.7	130.5
Druggists' preparations	111.9	107.3	110.9
Explosives	99.9	93.3	88.6
Fertilizers	99.5	73.9	92.1
Paint and varnishes	123.1	122.1	117.2
Rayon and allied products	300.3	255.1	302.2
Soap	88.1	86.0	82.5

Payroll Totals

(100=1923-25 average)

	Sept. 1939.	Aug. 1938.	Sept. 1938.
Chemicals	139.7	136.1	123.6
Cottonseed oil, cake and meal	91.4	47.5	105.5
Druggists' preparation	122.8	118.9	118.3
Explosives	114.4	109.1	97.6
Fertilizers	87.6	62.7	77.7
Paint and varnishes	126.9	125.6	116.7
Petroleum	286.5	246.6	282.1
Rayon and allied products	106.5	102.3	98.4
Soap			

—Continued on page 34

Vermilye Medal Awardee To Be Named Nov. 14

The first award of the Vermilye Medal, given biennially in recognition of outstanding contributions in the field of industrial management, will be made by the Franklin Institute, Philadelphia, November 14. The recipient has not been announced as yet.

The medal was founded by William Moorhead Vermilye, who is vice-president of the National City Bank, New York. Mr. Vermilye was born in Orange, N. J. After matriculating at Massachusetts Institute of Technology, he started his business career with a textile company founded by his stepfather. He later operated the Manhasset Manufacturing Company for the National City Bank, and has been identified with reorganization activities in numerous industries.

F.T.C. Complaint Cites Fire Extinguisher Makers

OPD Washington Bureau
October 24, 1939

Unlawful trade practices involving use of unfair methods of competition and exclusive dealing contracts are alleged in a complaint issued by the Federal Trade Commission against five companies engaged in the manufacture, assembly and sale of fire-fighting equipment, including carbon dioxide fire extinguishing systems and carbon dioxide portable fire extinguishers.

The complaint is directed against the following respondents:—Walter Kidde & Co., Inc., New York; American La-France and Foamite Industries, Inc., Elmira, N. Y.; C-O-Two Fire Equipment Company, Newark, N. J.; National

—Continued on page 30.

National Drug Trade Group to Meet Nov. 8

OPD Washington Bureau
October 25, 1939

The executive committee of the National Drug Trade Conference has been called to meet in Washington, November 8, to set a date for the annual meeting of the conference and prepare a program for discussion.

Dr. Stine Wins Perkin Medal

Dr. Charles M. A. Stine, vice-president in charge of research for E. I. du Pont de Nemours & Co., Wilmington, has been awarded the Perkin Medal of the Society of Chemical Industry for

Dr. Charles M. A. Stine

1940. The medal, which will be given to Dr. Stine on January 12, at a meeting in the Chemists' Club, this city, is awarded annually for "valuable work in applied chemistry."

—Continued on page 27

Chemical Engineers To Meet Nov. 15-17

The thirty-second annual meeting of the American Institute of Chemical Engineers will be held in the Providence Biltmore hotel, Providence, R. I., November 15-17. Numerous plant inspection trips have been arranged. The annual banquet will be held November 15, with the guest speaker, John W. Haley, taking for his subject, "So You Think It's New." Among the technical subjects to be discussed are:—

"The Technical Industries of Rhode Island." W. L. Morgan, Edgewood, R. I.

"Our Chemical Industry in The Next War." C. S. Robinson, Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Mass.

"The Influence of Activated Silica in Sewage Coagulation." C. W. Christenson, Hospital Liquid, Inc., Chicago, Ill., and I. Lavine, Department of Chemical Engineering, the University of North Dakota, Grand Forks, N. D.

"Limitations of Diffusion Equations in Drying." O. A. Hougen, H. J. McCauley, and W. R. Marshall, jr., Chemical Engineering Department, University of Wisconsin, Madison, Wis.

"Capillary Flow in Porous Solids." N. H. Ceaglske, Department of Chemistry and Chemical Engineering, the State University of Iowa, Iowa City, Ia., and F. C. Kiesling, Eastman Kodak Company, Rochester, N. Y.

"An Improved Method of Calculation of Drying Time." J. C. Brier and A. S. Foust, Department of Chemical Engineering, University of Michigan, Ann Arbor, Mich.

"The Philosophy of Design." J. C. Lawrence, E. I. du Pont de Nemours & Co., Wilmington, Del.

"Work Simplification." J. R. Bailey, E. I. du Pont de Nemours & Co., Wilmington, Del.

Soap Chips Patent Case Review Refused by High Court

OPD Washington Bureau
October 23, 1939

The Supreme Court of the United States today refused to review a patent controversy between Colgate-Palmolive-Peet Company and B. W. Coltman over a patent for the manufacture of soap chips. A lower Federal court held the Coltman patent valid and infringed by the company, but the Circuit Court of Appeals held seven claims of the divisional patent to be outside of the invention disclosed in the original application, and the Supreme Court declined to review this decision.

TNEC Hears Farish Deny Marketing Division Subsidization

OPD Washington Bureau
October 25, 1939

One of the most thorough studies of the petroleum industry ever made by a governmental body ended today when the Temporary National Economic Committee closed five weeks of hearings during which some forty witnesses testified as to various phases of the oil business.

On the stand continuously during the past three days was William S. Farish, president of the Standard Oil Company of New Jersey, and "windup" spokesman for the American Petroleum Institute which was charged by the committee with presenting the oil industry's own story of economic and competitive conditions as they exist today.

Mr. Farish's statement was largely a summary of the testimony of many preceding witnesses and defended the viewpoint and practices of the major companies against charges and criticisms of all sorts which had been leveled at them by witnesses representing independent operators of various types.

Taking advantage of his position as head of one of the nation's largest businesses and as the final spokesman for the industry, the committee subjected Mr. Farish to three days of rambling questioning which not only reviewed practically every subject previously mentioned during the oil hearings, but got into the field of general corporation practices applicable to all types of business. Among the subjects discussed were the desirability of uniform corporation accounting methods, competitive corporate chartering among States, relative competitive status of large and small business units, ethics of corporation management, and the amount of control exercised by small stockholders.

In discussing the oil industry proper, Mr. Farish defended present conservation measures but recommended closer application of engineering principles of proration and better cooperation between the oil States and the Federal government. He opposed divorcement of pipe lines from integrated companies on the ground that they could not succeed unless tied in with production and refining. Mr. Farish denied that major companies subsidize their marketing departments by permitting them to operate at a loss which is recouped from other departments, and he adhered to this position in spite of the fact that several members of the committee told him that they were impressed by testimony of other witnesses that such subsidization is common.

Asked what the Federal government could do to help the oil industry, Mr. Farish replied that the Bureau of Mines should extend its work to establish standards of efficiency in production and make proration more equitable to different land owners, and also that Congress should amend the Robinson-Patman act in order to make its language less vague and to make clear that a difference in the functions performed by a particular type of distributor is a proper basis for price differentiation.

At the conclusion of his testimony he said that he wanted to step out of his official role and speak as an ordinary citizen, whereupon he declared that the most constructive thing which the TNEC could do would be to demonstrate to the country that it has an open mind towards problems of business and to realize that constant threat of uncertainty as to government policies is an important deterrent to the investment of capital in business.

Oil Conservation Measure Endorsed by President

OPD Washington Bureau
October 24, 1939

Endorsement of the principle of State regulation of oil conservation was given by President Roosevelt today at his press conference when he stated that he has permitted use of his name in support of the Atkinson bill in California on which a popular referendum is being held.

He declared that the California conservation measure supplements the methods of the interstate oil compact and that it is desirable to give the widest possible application to the principle of State control. He added that the interstate compact has not been wholly a success but he feels that it could be made a success, and if the States do not succeed in solving the problem of oil conservation the federal government will have to do the job. He would prefer not to have the government do it. The statement is considered of general significance because of the Cole bill now pending in the house for federal regulation of oil conservation.

Chemical Industry Medal Won by Dr. R. E. Wilson

The Chemical Industry Medal of the Society of Chemical Industry will be presented to Dr. Robert E. Wilson, president of the Pan American Petroleum & Transport Co., at a joint meeting of the American section of the Society of Chemical Industry, the New York section of the American Chemical Society and the New York section of the American Institute of Chemical Engineers in the Chemists' Club, this city, November 10.

The medal is awarded annually for valuable application of chemical research to industry. James G. Vail, of the Philadelphia Quartz Company, former chairman of the American section, will present the medal. Dr. Wilson will speak on "Refinery Gases as Chemical Raw Materials."

Latin-American Trade Parley Set for Nov. 1

OPD Washington Bureau
October 27, 1939

Secretary of Commerce Harry L. Hopkins today invited government representatives of twenty Latin-American countries to confer with leaders of retail distribution, Department of Commerce officials, and representatives of other government agencies on means of promoting two-way trade between the United States and other countries. The meeting will be held November 1, and will be presided over by Under Secretary of Commerce Edward J. Noble.

This is the third of a series of conferences sponsored by the Department of Commerce on the Latin American trade situation, particularly in terms of the effect upon it of the current war. The conference November 1 will be confined to discussing what products the United States can import from the various Latin American countries and what products not being produced there now, could be manufactured for import by this country.

Latin American Imports Of German Chemicals

German exports of chemicals and related articles to Argentina, Brazil, Chile, Colombia, and Mexico during 1938 were recently compiled from official German records by the Chemical Division of the United States Bureau of Foreign and Domestic Commerce. Similar data for several other South American countries were published in the REPORTER of October 23. The tabulation, it is pointed out, is not complete as to all articles included in the trade, since a few omnibus classifications, such as "barium, lead, sodium and nickel compounds, n.e.s.; pyridin, pyridin bases; metalloids, acids, salts, n.e.s." and "chemical preparations, n.e.s., for photographic, purification (disinfectant) and other purposes" have

—Continued on page 29

Fish Oil Trade Practice Rules Drafted

OPD Washington Bureau
October 23, 1939

Trade practice rules for the sardine industry drafted at a conference in San Francisco July 21, are expected to be approved by the Federal Trade Commission shortly since no one appeared either for or against the rules at a hearing called today.

The rules apply to preparation and sale of sardine oil and meal in addition to canned sardines, and cover such subjects as misrepresentation, deceptive labeling, slack filled packages, defamation of competitors, false invoices, commercial bribery, and similar matters.

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Current Market Quotations

October 27, 1939

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED OCT 30 1939 LIBRARY THE CHEMISTS' CLUB

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd.	lb.	.75	1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works.	lb.	.11	—
5 & 10 gls., works.	lb.	.14	—
Acetamide, CP, kgs., 5,000 lbs., a year, works.	lb.	.36	—
200-lb. lots, works.	lb.	.38	—
100 lb. lots, works.	lb.	.55	—
5 to 50-lb. lots, works.	lb.	.70	—
tech., kgs., 5,000 lbs. a year, works.	lb.	.28	—
200-lb. lots, works.	lb.	.30	—
100-lb. lots, works.	lb.	.45	—
5 to 50-lb. lots, works.	lb.	.50	—
Acetanilide, tech., bbls.	lb.	.22	—
90%, bbls.	lb.	.29	—
USP, cryst., bbls., 2,000 lb. lots	lb.	.32	—
smaller lots.	lb.	.33	—
dms., 25 lb. lots.	lb.	.38	—
kgs., 2,000 lb. lots.	lb.	.33	—
smaller lots.	lb.	.34	—
powd., bbls., 2,000 lb. lots.	lb.	.30	—
smaller lots.	lb.	.31	—
dms., 25 lb. lots.	lb.	.36	—
kgs., 2,000 lb. lots.	lb.	.31	—
smaller lots.	lb.	.32	—
Acetoacetanilide, dms.	lb.	.47	.65
Acetone, C.P., dms., c.l, dlvd.	lb.	.07	.07½
l.c.l., dms., dlvd.	lb.	.07½	.08
tanks, dlvd	lb.	.06	.06½
Methyl (see M).			
Acetophenone, bots.	lb.	1.30	1.44
cns., 25 lbs.	lb.	1.15	1.25
dms., 100 lbs.	lb.	1.05	—
Acetophenetidin, bbls., kgs., 1,000 lbs.	lb.	1.00	—
50 lbs.	lb.	1.02	—
25 lbs.	lb.	1.05	—
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville.	lb.	.08¾	—
l.c.l., same terms.	lb.	.09	—
Acetic, comi. or redist., 28%, bbls.	100 lbs.	2.23	2.48
cbys.	100 lbs.	2.73	2.98
56%, bbls.	100 lbs.	4.15	4.40
cbys.	100 lbs.	4.65	4.90
70%, bbls.	100 lbs.	5.17	5.42
cbys.	100 lbs.	5.67	5.92
80%, bbls.	100 lbs.	5.89	6.14
cbys.	100 lbs.	6.39	6.64
glacial, nat., CP., cbys.	100 lbs.	14.00	—
99.5%, bbls.	100 lbs.	7.62	7.87
cbys.	100 lbs.	8.12	8.37
USP, bbls.	100 lbs.	10.25	10.50
cbys.	100 lbs.	10.75	11.00
synth., 99.5%, al. dms.,	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP, al. dms.	100 lbs.	10.25	10.50
cbys.	100 lbs.	10.75	11.00
pure, 40%, bbls.	100 lbs.	3.28	3.53
cbys.	100 lbs.	3.78	4.03
36%, bbls.	100 lbs.	3.66	3.91
cbys.	100 lbs.	4.16	4.41
60%, bbls.	100 lbs.	6.15	6.40
cbys.	100 lbs.	6.65	6.90
80%, bbls.	100 lbs.	7.68	7.93
cbys.	100 lbs.	8.18	8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acid, acetic, anhydride, dms., c.l.,	frt. alid.	lb.	.10¾ .11¾
l.c.l., dms., frt. alid.	lb.	.12	.13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.	lb.	.45	—
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls.	lb.	.40	—
powd., 80 mesh, 200-lb. bbls.	lb.	.40	—
Anthranilic, refd., bbls.	lb.	1.15	1.30
tech., bbls.	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs.	lb.	.23	.26
Ascorbic, bots., dms.	oz.	2.75	3.00
Battery, cbys, c.l., E. works,	100 lbs.	1.60	—
l.c.l., 25 or more, E. works,	100 lbs.	1.85	—
10-24, E. works.	100 lbs.	1.95	—
1-9, E. works.	100 lbs.	2.55	—
Benzoic, tech., bbls., 4,000 lbs. or more.	lb.	.43	—
1,000 to 3,900 lbs.	lb.	.44	—
900 lbs. or less.	lb.	.47	—
USP, bbls., 4,000 lbs. or more	lb.	.54	—
1,000 to 3,900 lbs.	lb.	.55	—
900 lbs. or less.	lb.	.58	.60
dms., 4,000 lbs. or more.	lb.	.55	.56
1,000 to 3,900 lbs.	lb.	.56	(57
900 lbs. or less.	lb.	.59	.60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd.	ton.	106.00	—
c.l., dlvd.	ton.	111.00	—
l.c.l., ex whse.	ton.	118.00	128.00
powd., bbls., contracts, 80 tons, dlvd., ton.		111.00	—
c.l., dlvd.	ton.	116.00	—
l.c.l., dlvd.	ton.	123.00	138.00
sks., contracts, 80 tons, dlvd.	ton.	96.00	—
c.l., dlvd.	ton.	101.00	—
l.c.l., ex whse.	ton.	123.00	138.00
sks., contracts, 80 tons, dlvd.	ton.	101.00	—
c.l., dlvd.	ton.	106.00	—
l.c.l., ex whse.	ton.	113.00	128.00
USP, $25 per ton higher.			
Butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	—
l.c.l., same basis.	lb.	.23	—
tanks, same basis.	lb.	.21	—
Broenner's, bbls.	lb.	1.11	—
Camphoric, cns.	lb.	5.50	5.75
Caprie, dms.	lb.	.14	.14¼
Acid, caproic, dms., works.	lb.	.35	.40
Carbonic (see Phenol).			
Castor oil, split, dms.	lb.	.15	.15½
Chlorosulphonic, dms., c.l., works.	lb.	.03½	—
5-drum lots, works.	lb.	.04	—
single drum.	lb.	.05	—
tanks, works.	lb.	.03	—
Chromic, 99%, dms., c.l., dlvd. N. Y.	lb.	.15¼	—
l.c.l., 5 tons, dlvd. N. Y.	lb.	.15¾	—
Dms., smaller quantities, dlvd., N. Y.	lb.	.16¼	.17¼
Cinnamic, refd., bots.	lb.	2.85	3.25
Citric, cryst., gran., bbls., car lots.	lb.	.20	—
10,000-lb. lots, one shipt.	lb.	.20½	—
smaller lots.	lb.	.21	—
anhyd., gran., dms., 10,000 lbs., 1 shipt.	lb.	.23	—
smaller lots.	lb.	.23½	—
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.			
Cleve's, bbls.	lb.	.57	—
Coconut oil, dms.	lb.	.12	.12½
Corn, dist., dms.	lb.	.10	Nom.
Cottonseed oil, dist., dms.	lb.	.08¾	.09½
tanks	lb.	.08¼	—
Cresylic, high-boil, dom., c.l., works, frt. equld.	gal.	.58	Nom.
l.c.l., same basis.	gal.	.60	Nom.
Special blends, dom., c.l., frt. equaled.	gal.	.61	Nom.
l.c.l., same basis.	gal.	.63	Nom.
low-boil, dms., c.l., works frt. equaled.	gal.	.58	Nom.
l.c.l., same basis.	gal.	.60	Nom.
imported, pale, dms.	gal.	No prices	
Crotonic, bbls., dlvd.	lb.	.21	—
smaller containers, dlvd.	lb.	.60	—
Diethylbarbituric (see Barbital)			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l.	lb.	.10½	—
l.c.l., 26 and over.	lb.	.11	—
1-24	lb.	.11½	—
inland territory, cbys., c.l.	lb.	.11⅝	—
l.c.l., 25 and over.	lb.	.12⅝	—
1-24	lb.	.12⅝	—
southern territory, cbys., c.l.,	lb.	.11⅞	.12⅜
l.c.l., 25 and over.	lb.	.12⅜	.12⅝
1-24	lb.	.12⅞	.13⅜
Fumaric, bbls.	lb.	.75	—
Gallic, tech., bbls.	lb.	.70	Nom.
N. F., VI, bbls., 200 lbs., 5 or more.	lb.	.77	Nom.
single bbls.	lb.	.80	Nom.
fib. dms., 25 lbs.	lb.	.81	Nom.
Gamma, bbls.		.80	—
Gluconic, tech. 50%, bbls., 500 lbs.	lb.	.20	—
H, bbls.	lb.	.45	—
Hydriodic, 47%, bots.	lb.	2.30	—
5-lb. bots.	lb.	2.51	—
57%, bots.	lb.	2.75	2.90
Hydrobromic, 10% dilut., USP,	lb.	.20	.21
pure, 34% concl., cbys.	lb.	.42	.44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works.	lb.	.80	1.00
Hydrofluoric, 30%, bbls.	lb.	.06	.06½
lead cbys.	lb.	.08	.08½
48%, lead cbys.	lb.	.10½	.11
52%, lead cbys.	lb.	.11½	.12
60%, lead cbys.	lb.	.14	.14½
Hydronuosilic, 30-35%, 420 lb.	lb.	.09	.09¼
Hypophosphorus, USP, 30%, djns.	lb.	.75	.80
Lactic, tech., dark, 22%, bbls., c.l., works.	100 lbs.	2.50	—
l.c.l., bbls., works.	100 lbs.	2.75	—
cbys., works.	100 lbs.	3.75	—
44%, bbls., c.l., works,	100 lbs.	5.50	—
l.c.l., bbls., works.	100 lbs.	5.75	—
cbys., works.	100 lbs.	6.75	—
light, 22%, bbls., c.l., works,	100 lbs.	3.50	—
l.c.l., bbls., works.	100 lbs.	3.75	—
cbys., works.	100 lbs.	4.75	—
44%, bbls., c.l., works,	100 lbs.	6.50	—
l.c.l., bbls., works.	100 lbs.	6.75	—
cbys., works.	100 lbs.	7.75	—
50%, edible, 20 and over, bbls., cbys.	lb.	.10¼	.11¼
plastic grade	lb.	.12¼	.13¼
5 to 19, edible, bbls., cbys.,	lb.	.11	.12
plastic grade	lb.	.12¾	.13¾
1 to 4, edible, bbls., cbys.,	lb.	.11½	.12½
plastic grade	lb.	.13¼	.14½
80% 5 and over, bbls., cbys.	lb.	.21	.22
1 to 4 bbls., cbys.	lb.	.21½	.22½
USP, XI, 85%, cbys.	lb.	.43	.45
USP, VIII, 75%, cbys.	lb.	.41	.43
Lauric, dist., tech., dms.	lb.	.15½	.15¾
Laurent's, bbls.		.45	—
Linseed oil, dark, dms.	lb.	.13¾	.14¼
light, dms.	lb.	.14¾	.15¼
extra white, dist., dms.	lb.	.15	.15½
Maleic, powd., dms.	lb.	.20	—
anhydride, dms., c.l.	lb.	.25	—
dms., l.c.l.	lb.	.28	—
Malic powd., kegs.	lb.	.47	—
Mandelic, bots.	lb.	2.30	—
dms., 1,000 lbs.	lb.	1.90	—
smaller lots	lb.	2.15	—
Mixed, tanks, nitric unit.	lb.	.05	.06
sulphuric unit	lb.	.0085	.009
Molybdic, kgs., works.	lb.	.95	1.10
Monochloroacetic, tech., bbls.	lb.	.15	.18
Monosulphonic, bbls.	lb.	1.50	—
Muriatic, 18°, cbys., c.l., E. works.	100 lbs.	1.50	—
l.c.l., 25 and over, E. works.	100 lbs.	1.75	—
10 to 24, works.	100 lbs.	1.85	—
1 to 9, works.	100 lbs.	2.45	—
tanks, works	100 lbs.	1.06	—
Acid, muriatic, 20°, cbys., c.l., E. works.	100 lbs.	1.75	—
l.c.l. 25 and over, works,	100 lbs.	2.00	—
10 to 24, works.	100 lbs.	2.10	—
1 to 9 works.	100 lbs.	2.70	—
tanks, works	100 lbs.	1.15	—
22°, cbys., c.l., E. works.	100 lbs.	2.25	—
l.c.l., 25 and over, works,	100 lbs.	2.50	—
10 to 24, works.	100 lbs.	2.60	—
1 to 9, works.	100 lbs.	3.20	—
tanks, works	100 lbs.	1.65	—
cryst., gran., bbls., car lots.	lb.	.21	—
6-lb. bots.	lb.	.18¾	—
consumers, cbys.	lb.	.08	—
6-lb. bots.	lb.	.20	—
Myristic, dist., dms.	lb.	.18¼	.18¾
Naphthenic, dom., acidity, 160, dms., c.l., works.	lb.	.11	Nom.
l.c.l., dms., works.	lb.	.11½	Nom.
tanks, works.	lb.	.10½	Nom.
200-220, dms., c.l., works.	lb.	.09½	Nom.
l.c.l., dms., works.	lb.	.10	Nom.
tanks, works.	lb.	.09	Nom.
240, dms., c.l., works.	lb.	.14	Nom.
l.c.l., dms., works.	lb.	.14½	Nom.
tanks, works.	lb.	No prices	
Nicotinic, 25-lb. cns.	lb.	15.00	15.50
5-lb. bots.	lb.	16.50	—
1-lb. bots.	lb.	17.00	—
Nitric, 36°, cbys., c.l., E. works,	100 lbs.	5.00	—
l.c.l., 25 and over, E. works.	100 lbs.	5.25	—
10 to 24, works.	100 lbs.	5.35	—
1 to 9 works.	100 lbs.	5.95	—
38°, cbys., c.l., E. works.	100 lbs.	5.50	—
Western works.	100 lbs.	5.75	—
l.c.l., 25 and over, E. works.	100 lbs.	5.75	—
10 to 24, works.	100 lbs.	5.85	—
1 to 9, works.	100 lbs.	6.45	—
40°, cbys., c.l., E. works.	100 lbs.	6.00	—
l.c.l., 25 and over, E. works.	100 lbs.	6.25	—
10 to 24, works.	100 lbs.	6.35	—
1 to 9, works.	100 lbs.	6.95	—
42°, cbys., c.l., E. works.	100 lbs.	6.50	—
l.c.l., 25 and over, works.	100 lbs.	6.75	—
10 to 24, works.	100 lbs.	6.85	—
1 to 9, works.	100 lbs.	7.45	—
C.P., USP., dealers, cbys.	lb.	.11¼	—
7-lb. bots.	lb.	.22¾	—
consumers, cbys.	lb.	.13	—
7-lb. bots.	lb.	.24	—
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works.	lb.	.10¾	—
10,000 lbs., and over.	lb.	.11	—
smaller quantities.	lb.	.12	.14
Palm oil, white, dist., dms.	lb.	.08½	.08¾
tanks	lb.	.08	—
Phenylacetic, bots.	lb.	1.75	3.00
Phosphoric, ortho, tech., 50%, cbys.	lb.	.06	—
75%, cbys.	lb.	.07¼	—
USP, 85%, s. g. 1,710 cbys., 180 lbs.	lb.	.12	—
50%, s. g., 1,347 cbys., 70 lbs.	lb.	.12	—
djns., 25 lbs.	lb.	.15	—
10%, dilut., cbys., djns.	lb.	.07	.07½
Picramic, kgs.	lb.	.65	.70
Picric, bbls.	lb.	.25	—
Propionic ref., cbys., works.	lb.	.25	Nom.
dms., works.	lb.	.22	Nom.
tech., cbys., works.	lb.	.20	Nom.
dms., works.	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls.	lb.	1.05	Nom.
cns.	lb.	1.10	Nom.
USP, cryst., cns.	lb.	1.45	Nom.
resubl., cns.	lb.	2.05	Nom.
Pyroligneous, bbls., dlvd. E. gal.		.25	—
Ricinoleic, com'l, split (see Acid, castor oil, split).			
tech. dms., c.l., works.	lb.	.27	—
l.c.l., dms., works.	lb.	.28	.33
Salicylic, tech., bbls.	lb.	.32	—
USP, bbls.	lb.	.35	.40
Sebacic, C.P., bbls., works.	lb.	No prices	
tech., bbls., works.	lb.	No prices	
Soybean oil, dist., dms.	lb.	.10	.10½
Stearic, distil., double pressed, bgs., dlvd.	lb.	.12½	.13½
single pressed, bgs., dlvd.	lb.	.12	.13½
triple pressed, bgs., dlvd.	lb.	.15¼	.16¼
saponif., double pressed, bgs. dlvd.	lb.	.12¾	.13¾
triple pressed, bgs., dlvd.	lb.	.15½	.16½
Succinic, bbls.	lb.	.75	—
Sulphanilic, CP, bots., works.	lb.	1.60	1.68
tech., dms., works.	lb.	.17	—
Sulphonaphthenic, dms.	lb.	.04	.10
Sulphuric, 60°, cbys., c.l., E. works.	100lbs.	1.25	—
l.c.l., 25 and over, works.	100lbs.	1.50	—
10 to 24, works.	100 lbs.	1.60	—
1 to 9, works.	100 lbs.	2.20	—
tanks, E. works.	ton.	18.00	—
66°, cbys., c.l., E. works.	100 lbs.	1.50	—
l.c.l., 25 and over, works.	100 lbs.	1.75	—
10 to 24, works.	100 lbs.	1.85	—
1 to 9, works.	100 lbs.	2.45	—
tanks, E. works.	ton.	16.50	—
98°, tanks, works.	ton.	17.50	—
C.P., USP, dealers, cbys.	lb.	.06½	—
9-lb. bots.	lb.	.16¼	—
consumers, cbys.	lb.	.08	—
9-lb. bots.	lb.	.18	—
fuming, 20%, tanks, E. works.	ton.	18.50	—
65%, tanks, E works.	ton.	36.00	—
Tannic, tech., bbls., dms.	lb.	.40	Nom.
USP, fluffy, bbls., 1,000 lb. lots.	lb.	.88	Nom.
100-lb. lots.	lb.	.90	Nom.
25-lb. lots.	lb.	.93	Nom.
powd., bbls., 1,000 lbs.	lb.	.78	Nom.
smaller lots.	lb.	.80	Nom.
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.	lb.	.31¼	—
smaller quantities.	lb.	.31¾	—
kgs.	lb.	.32½	—

Acacia—Alcohol, Isopropyl

Acid, Tobias, bbls.	lb.	.55	.60
Trichloroacetic, bots.	lb.	2.00	2.50
Tungsten, CP, kgs., wks.	lb.	No prices	
Chem. grade, kgs., wks.	lb.	No prices	
Aconite, leaves, bls.	lb.	.28	.40
Root, bls.	lb.	.45	.50
Aconitine, amorph., bots.	oz.	23.00	—
vis.	gr.	1.00	—
cryst., bots.	oz.	42.00	—
vis.	gr.	1.60	—
Adeps lanae, anhyd., dms.	lb.	.30	.31
hyd., dms.	lb.	.29	.30
Agar 1, bls.	lb.	1.50	Nom.
3, bls.	lb.	No prices	
Agaric, white, bls.	lb.	No prices	
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alid.	lb.	.13	—
pow'd, grade A, same basis, ton lots.	lb.	.15	—
smaller lots, same basis.	lb.	.18	—
light, dom., flake, dms., f.o.b Chicago, frt. alid.	lb.	.55	.68
import, bgs.	lb.	.60	Nom
egg, ed., dom., cryst., bbls.	lb.	.64	.66
dom., pwd., dms., bois.,	lb.	.69	.71
import, cs.	lb.	.68	Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alid.	lb.	.111	—
l.c.l., frt. alid.	lb.	.121	—
tanks, frt. alid.	lb.	.101	—
Benzyl, cans.	lb.	.68	—
drums	lb.	.62	—
Butyl, normal, cns., works.	lb.	.13½	.15½
dms, c.l., frt. alid.	lb.	.09	—
l.c.l., frt. alid.	lb.	.09½	—
tanks, frt. alid.	lb.	.08	—
tankwagon, frt. alid.	lb.	.08½	—
secondary, dms., c.l., frt. pd., E. of Miss. R.	lb.	.06½	—
l.c.l., same terms.	lb.	.07	—
tanks, same terms.	lb.	.05½	—
tertiary, denaturing, dms., frt. alid.	lb.	.14	—
Capryl, pure, dms., works.	lb.	2.50	—
tech., dms., works.	lb.	.85	—
Cetyl, dom., C.P., fiber ctns., 1,000 lbs.	lb.	1.50	—
500 lbs.	lb.	1.70	—
100 lbs.	lb.	1.80	—
25 lbs.	lb.	1.90	—
5 lbs.	lb.	2.00	—
com'l., dms.	lb.	.98	—
import, 85%, 100-lb. dms.	lb.	.85	—
5 to 10 lbs.	lb.	.75	—
com'l., dms., 250 lbs.	lb.	.45	—
Cinnamic, bots.	lb.	2.00	2.50
Denatured, CD14, dms., c.l., works, E.	gal.	.31½	—
l.c.l., works, dms.	gal.	.36½	—
tanks, E., works.	gal.	.25½	—
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.			
SDI, 190 pf., bbls., c.l., E. works.	gal.	.28½	—
19 bbls., E. works.	gal.	.30½	—
1 to 18 bbls., E. works,	gal.	.33½	—
dms., c.l., E. works.	gal.	.27½	—
19 dms., E. works.	gal.	.29½	—
	gal.	.32½	—
tanks, E. works.	gal.	.21½	—
Anhydrous 3c. per gal higher.			
SD-2B., dms., c.l., works, E.	gal.	.26½	—
19 dms., works, E.	gal.	.28½	—
1 to 18 dms., works, E.	gal.	.31½	—
tanks, E., works.	gal.	.20½	—
SD23-G, works, E., dms.	gal.	.32	—
19 dms.	gal.	.34	—
1 to 18 dms.	gal.	.37	—
tanks	gal.	.26	—
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.			
Special solvent, dms., c.l., E. works.	gal.	.28½	—
20 dms., E. works.	gal.	.30½	—
	gal.	.83½	—
tanks, E. works.	gal.	.22½	—
Tankcar sales require written authorization by Alcohol Tax Unit.			
Diacetone, acetone-free, contract, dms., c.l., dlvd.	lb.	.09	—
l.c.l., dlvd.	lb.	.09½	—
cns., works.	lb.	.13½	.15½
tanks, dlvd.	lb.	.08	—
tech., contract, dms., c.l., dlvd.	lb.	.08½	—
l.c.l. dlvd.	lb.	.09	—
cns., works.	lb.	.13	.15
tanks, dlvd.	lb.	.07½	—
Ethyl, 190 pf., ex molasses, bbls., c.l.	gal.	4.55	—
19 bbls.	gal.	4.58½	—
1 to 18 bbls.	gal.	4.61½	—
dms., c.l.	gal.	4.54	—
19 dms.	gal.	4.57½	—
1 to 18 dms.	gal.	4.60½	—
tanks	gal.	4.48	—
absolute, dms., c.l.	gal.	4.81½	—
19 dms.	gal.	4.85	—
1 to 18 dms.	gal.	4.88	—
Grain alcohol 25c. gal higher.			
Furfuryl, tech., cns., works.	lb.	.35	—
dms., c.l., 33,000 lbs., works.	lb.	.30	—
l.c.l., 500 lbs. and more, works.	lb.	.35	—
Isoamyl, primary, dms., l.c.l., dlvd.	lb.	.27	—
cans, works.	lb.	.32	—
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.	lb.	.0680	—
l.c.l., same terms.	lb.	.0730	—
tanks, same terms.	lb.	.0580	—
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest.	gal.	.65	—
55 gal., c.l., same basis.	gal.	.33½	—
l.c.l., same basis.	gal.	.33½	—
tanks, frt., alid.	gal.	.26¼	—

Alcohol, Isopropyl—Amyl Chlor.

Alcohol, isopropyl, 99%, dms., 5 gal., same basis..gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .13 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .22 - .23
Aloe, Barbados, true, cs.....lb. No prices.
Cape, cs.....lb. .25 - .29
Curacao, cs.....lb. .50 - .55
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .50 - .56
Aloin, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
25-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .32 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .45 - .52
peeled, bls.....lb. .47 - .49

Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila....100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. .....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. .....lb. .09 - —
33%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —

Alumina, chloride, 1,100 to 11,000 lbs., works..lb. .09 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 85%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03¼- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order .....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .24½- —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .17½- —
l.c.l., ton.....lb. .18½- —
less than ton.....lb. .22½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.45 - —
l.c.l., works....100 lbs. 1.70 - —
bbls., c.l., works...100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 1.90 - —

Aluminum 98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .73 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .37 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,800 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 20,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 - 26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works, lb. .04½- —
refrigeration, tanks, works.lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

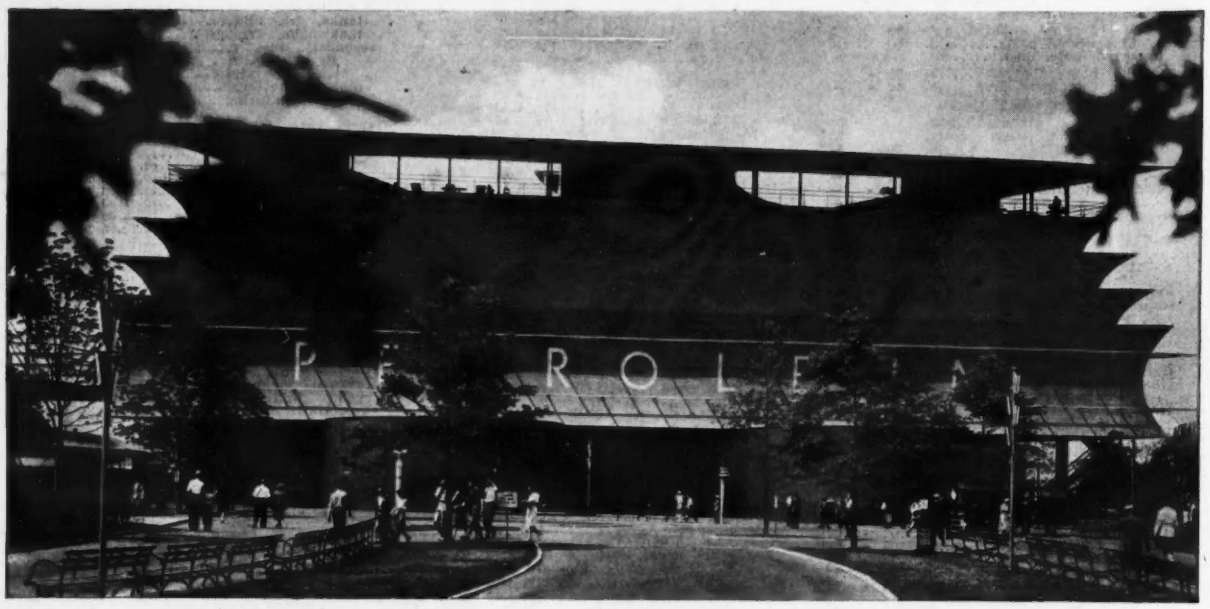
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l. .....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works.....lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., dlvd., Met. N. Y..lb. .0556- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .25 - —
bxs. .....lb. .33 - .39
kgs. .....lb. .26 - —
Carbonate, lump, bbls., dlvd., Met. N. Y..lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
Powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac. sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.65 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 50%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs .....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y..lb. No price
5 bbls., same basis.....lb. No price
Stearate, anhydrous .....lb. .22 - —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Nov. shipt..ton. 27.50 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works .....lb. .12 - .13
tanks, dlvd. .....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 22%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 Nom.
Ammoniac, gum (see Gum, ammoniac).
sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.10
white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.06
import, cakes .....100 lbs. No prices
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
cns., works.....lb. .17 - .18
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works .....lb. .0665- —
tanks, works .....lb. .0465- —

CHEMICAL SERVICE FOR THE INDUSTRIES OF TOMORROW

Witco Adapts Its Service And Products To Industry's Changing Chemical Requirements



FASCINATING AND SPECTACULAR is the progress that has been made in a short space of time by the petroleum industry, whose exhibition building at the New York World's Fair 1939 is shown above. Chief among the Witco products that are assisting in this progress are Witco Anhydrous Ammonia, Aluminum Stearate, Soda Ash, Caustic Soda, Stearic Acid and Cuprous Oxide.

● More and more does industry look to the chemist and the supplier of chemicals for ways and means of improving production, reducing costs and raising the standards of merchandise offered to the public. Witco gives assistance to manufacturers in many fields — through the development of new and better working materials and the adaptation of chemicals to new and more efficient production processes. By adapting its service to changing needs Witco thus prepares to meet the demands of the industries of tomorrow for better quality and greater variety in chemicals, oils, pigments and allied materials.

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Avenue, N. E. • Harold Wilson & Witco Ltd., 5 Portman Mansions, Baker Street, London, W. 1, England. Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company • Panhandle Carbon Company

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BUY DIRECT AND PROFIT DIRECTLY

Amyl, nitrate, bots.....lb. 1.80 - 1.85
Mercaptan, dms.....lb. nom.
Oleate, dms., l.c.l. works...lb. .35 -
Salicylate, bots.....lb. .61 - —
ons., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l. works...lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom. bls.....lb. .23 - .24
import, natural, bls.....lb. .60 - .70
twisted, bls.....lb. .95 - 1.25
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14½ - —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish type, bgs.....lb. .18 - .27½
Star, bgs.....lb. .18 - .19
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½ - .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd., kgs.....lb. .20 Nom.
Oxide, bgs., c.l.....lb. No price
l.c.l.....lb. No price
Salts, 65%, kgs.....lb. .38 Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .15½ Nom.
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .13 - .18
Arecoline hydrobromide, bots..oz. 6.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .45 - .50
Root, bls.....lb. .49 - .51
Arrowroot, St. Vincent, powd. bgs..lb. .08 - .08¾
bbls.....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. No prices.
Chloride (arsenous), cns.....lb. 4.85 -
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars.....lb. 5.43 - —
Red, import, cs.....lb. .18 Nom.
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l.....lb. .03¾- —
Asafetida, cs.....lb. .40 - .45
powd., bbls., bxs.....lb. .65 - .70
Asbestine (see Talc N. Y. fibrous)
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03¼- —
smaller lots, f.o.b. N. Y..lb. .10½ —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 7.00 - —
Sulphate, bots.....oz. 4.00 - 4.25

B

Balm of Gilead buds, bgs....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.25 - 3.35
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
99% thru 200 mesh, bgs., c.l., works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.52.50 - —
Chicago.....ton.55.00 - —
l.c.l., works.....ton.57.50 - —
Chicago.....ton.60.00 - —
bbls., c.l., works.....ton.57.50 - —
Chicago.....ton.60.00 - —
l.c.l., works.....ton.62.50 - —
Chicago.....ton.65.00 - —
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works.....ton.62.50 - —
Chlorate, kgs.....lb. .19 Nom.
Chloride, C.P., cryst., bbls..lb. .26 - —
kgs.....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Barium, chloride, tech., dom., cryst., Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.ton.81.00 - —
bbls., same basis..ton.83.00 - —
bbls., l.c.l., bgs., same basis..ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis.ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .14 - .15
Fluosilicate, bbls.....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .06½ Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars.....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .10½-Nom.
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.28.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago.....ton.31.15 - —
Cleveland.....ton.33.50 - —
New York.....ton.32.00 - —
St. Louis.....ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston.....ton.31.70 - —
Philadelphia.....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston.....ton.35.20 - —
Chicago.....ton.30.85 - —
Cleveland.....ton.33.00 - —
Detroit.....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto.....ton.30.50 - —
southern off color, bulk, mines, ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No price.
l.c.l., ex whse.....ton. No prices.
German, ungrd., bulk, c.l., ex dock..ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .24 - .30
Root, bls.....lb. .40 - .55
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .84 - —
dms.....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. 10 -
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb.17.25 -17.50
Hydrochloride, cns.....lb.17.25 -17.50
Sulphate, cns.....lb.17.25 -17.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs.....lb. .60 -
tech., bbls., c.l., works....lb. .22 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns.....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cns.....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots., cns.....lb. 1.82 - 2.08
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.98 - —
Subnitrate, powd., bots., cns., lb. 1.57 - 1.83
fib. dms.....lb. 1.48 - 1.51
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.20 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bxs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bxs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .13½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
Black, bone, 4, bbls., c.l., frt. alld.E..lb. .08¼- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bxs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .05 - —
c.l., frt. alld. E.....lb. .06 - —
8, bbls., bgs., c.l., frt. alld. E, lb. .10 - —
l.c.l. frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .03½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .29 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., cs., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra).....lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst.. States)..lb. .0319- —
30,000 lbs., dlvd., Zone C, (Pac. Cst. States)..lb. .0335- —
D (Ill., Ia., Wis.)...lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico), f.o.b. border..lb. .03 - —
f.o.b. N. Orleans.lb. .0290- —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l. dlvd..lb. .06¼- —
cs., l.c.l., dlvd.....lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports..lb. .05¼ Nom.
Black, carbon, standard, bulk, tanks, same price as bags in each zone.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls, c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N.Y. lb. .04¼- —
B bbls, works or N. Y.....lb. .05½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .24 - .25
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .18 - .20
blanc fixe, dry, by-product, bgs., c.l...ton.60.00 - —
l.c.l.....ton.65.00 - —
high grade precip., bgs., c.l. works, frt. equal.ton.75.00 - —
l.c.l., same basis.....ton.80.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.70 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.60 - —
import, bgs., c.i.f. Ports, shipt., unit-ton. 3.35 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .26 - —
open order.....lb. .27 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .26 - —
open order.....lb. .27 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.00 - —
Imitation (see Blue, ultramarine, group 4).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .26 - —
open order.....lb. .27 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .26 - —
open order.....lb. .27 - —
soluble, bbls., same basis alkali toner, contracts. lb. .26 - —
open order.....lb. .27 - —

Amyl Nitrate—Butyl Acetate

Blue, tungstated, peacock, kgs.lb. 3.75 - —
Victoria, kgs.....lb. 3.20 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Ultramarine, blue, dlvd., ex whse., 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls.....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.47 - —
powd., cns.....lb. 1.49 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works...100 lbs. 4.75 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.90 - —
6-15 bbls., same basis, 100 lbs. 5.10 - —
1-5 bbls., same basis..... 100 lbs. 5.35 - —
monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.35 - 9.60
l.c.l. dealer.....100 lbs.10.35 -10.60
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.30.00 -32.00
import, bgs., c.i.f. ports.ton.31.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
Bone meal, import, 100-lbs., bgs., c.i.f., ports, shipt..ton.27.00 Nom.
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
Bones, steamed, dom., 1¼% ammon., 60% phos. bgs., f.o.b., Chicago..ton.25.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton. No prices.
Boneset leaves, bales.....lb. .06 - .09
Borage flowers, bales.....lb. .20 - .25
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½ —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .20 - —
single pkg., same basis.lb. .25 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 2.50 - 2.75
Bronze powder, aluminum (see A).
Gold, litho, cns., ims., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .80
Broomtop, bls.....lb. .16 - .18
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works, lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¼- —
2, bbls., same basis..lb. .11¼- —
3, bbls., same basis..lb. .10¼- —
4, bbls., same basis..lb. .08¾- —
5, bbls., same basis..lb. .08¾- —
6, bbls., same basis..lb. .08¼- —
7, bbls., same basis..lb. .08 - —
8, bbls., same basis..lb. .07¾- —
9, bbls., same basis..lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¼- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis..lb. .11 - —
4, bbls., same basis..lb. .09½- —
5, bbls., same basis..lb. .09 - —
6, bbls., same basis..lb. .08½- —
7, bbls., same basis..lb. .07¾- —
8, bbls., same basis..lb. .07¼- —
9, bbls., same basis..lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle.....lb. .04¾- —
Minneapolis.....lb. .0486- —
Pittsburgh.....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¼- .06
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .17 - .18
Buchu leaves, bls.....lb. .85 - .90
Buckthorn bark, true, bls.....lb. .12 - .15
cut and sifted, bbls.....lb. .16 - .18
Berries, bgs.....lb. .25 - .30
Burdock root, bls.....lb. .14 - .15
Burgundy pitch, dom., bbls...lb. .05½- .06
Butane, coml., 16-34°, tanks, group 5..gal. .02¼- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, contract, frt. alld.lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —

Butyl, Acetate—Cellulose

Butyl acetate, secondary, dms., c.l., frt. pd. E. of Miss. R.
lb. .06½- —
l.c.l., same terms....lb. .07 - —
tanks, same terms....lb. .05½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works....lb. .16½- .17½
tanks, works....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. ....lb. .23 - —
Crotonate, normal, 55 gal. dms., dlvd..lb. .35 - —
5 gal. cns....lb. .75 - —
1 gal. cns....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms ....lb. .22½- —
Propionate, dms., dlvd....lb. .16½- .17
tanks ....lb. .15½- —
Stearate, dms....lb. .26 - —
Butyric ether, bots....gal. 6.60 - 6.95
cns., works....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars....lb. 1.61 - —
5-lb. bots....lb. 1.75 - —
Iodide, 5-lb. bots....lb. 4.19 - —
25-lb. cns....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat. shapes, cs....lb. .80 - —
ingots, or sticks....lb. .75 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).

Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more....lb. 2.25 - —
1,000 lbs., or more....lb. 2.30 - —
100 lbs....lb. 2.35 - —
25-lb., 10,000 lbs., or more...lb. 2.23 - —
2,000 lbs., or more....lb. 2.28 - —
1,000 lbs., or more....lb. 2.33 - —
100 lbs....lb. 2.43 - —
25 lbs....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more, lb. 2.25 - —
2,000 lbs. or more....lb. 2.30 - —
1,000 lbs. or more....lb. 2.35 - —
100 lbs. ....lb. 2.40 - —
less than 100 lbs....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs....lb 2.85 - —
Citrated, cns....lb. 1.80 - 2.10
Hydrobromine, bots....lb. 4.91 - 4.99
Calabar beans, bgs....lb. .27 - .28
Calamus root, peeled, N.F., cs. lb. .20 - .22
bleached, bls....lb. .60 - .65
Calcium acetate, bgs., dlvd. 100 lbs. 1.90 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works....lb. .72 - —
25 lbs., works....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.95 - —
Carbonate (see Chalk and Whiting).

Calcium chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.30
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. ....lb. .55 - .57
cns. ....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots....lb. 1.25 - —
cns., 25 lbs....lb. 1.50 - —
Hypophosphite, cns. ....lb. .62 - .67
Iodide, bots., jars....lb. 4.04 - 4.19
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during Oct.-Nov..ton.28.00 - —
Palmitate, bbls....lb. .23½- .24½
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots ....lb. .14 - —
Stearate, precip., bbls., cns., c.l..lb. .20½- —
l.c.l., 1 ton....lb. .21½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs..lb. .48 - —
kgs., 100 lbs....lb. .50 - —
Calendula flowers, bls....lb. .40 - .41

Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.57 - —
Camphor, natural, powd., cs...lb. .65 - .66
slabs, cs. ....lb. .65 - .66
tablets, tins ....lb. .70 - .71
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .50 Nom.
1,000-lb. lots....lb. .51 Nom.
smaller lots....lb. .52 Nom.
tablets, 2,000-lb. lots....lb. .63 Nom.
1,000-lb. lots....lb. .64 Nom.
smaller lots....lb. .65 Nom.
Monobromate, bxs., kgs....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04¼- .04¾
Morocco, bgs....lb. .04¼- .04¾
Turkish, bgs....lb. .04¼- .04¾
Canella alba bark, bls....lb. .29 - .30
Canella alba bark, bls....lb. .45 - .50
Cantharides, Chinese, cs....lb. .90 - .95
powd., bxs. ....lb. 1.10 - 1.15
Russian, cs. ....lb. 3.25 - 3.30
powd., bxs. ....lb. 3.75 - 3.80
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .16½- .17
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works....lb. .75 - —
Diethyl, dms., works....lb. .60 - —
small lots, works....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works ....lb. .34 - —
tanks, works ....lb. .32 - —
Carbon bisulphide, 55-gal dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb .05 - —
l.c.l. same basis....lb .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07¼
l.c.l., same basis....lb. .08 - .08¼
Dioxide, cyls....lb. .06 — .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66¼- —
l.c.l., frt. alld....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .78 - —
l.c.l., frt. alld....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld....gal. .98 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld....gal. 1.20 - —
Zone 4, 52½ gal., dms., c.l.gal. .83 - —
l.c.l. ....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. ....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona

Cardamom, bleached, cs....lb. 1.55 - 2.00
decorticated, cs. ....lb. 1.00 - 1.05
green, bgs. ....lb. .65 - .90
Carob bean flour (see Gum, Locust bean).
Carvol, bots....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .20 - —
5 tons, works....lb. .21½- —
smaller lots, works....lb. .23 - —
80-100 mesh, bgs....lb. .20½- —
5 tons, works....lb. .22 - —
smaller lots, works....lb. .23½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .17 Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .17½ Nom.
French, 30 mesh, bgs., c.l., duty paid..lb. .14 Nom.
Cassia, Batavia, 1, bgs....lb. .19 - .19½
shortstick, bls....lb. .15 - .16
broken, bls....lb. .13½- .14
China, rolls, select, bls....lb. .11½- .12
broken, extra, bls....lb. .11½- .12
Saigon, bls. ....lb. .16½- .18
Cassia buds, cs....lb. .14 - .15
Cassia fistula, bskts....lb. .18 - .19
Castile soap, Italian, white, bars, 40 lb. cases..case.14.00 - —
powd, bbls....lb. .33 - .36
Castoreum, nat., cns....lb.15.00 -18.00
synth., bots....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 6½%, ammon., bgs., c.l., works..ton.17.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, Southern, bls...lb. .22 - .23
Celery seed, French, bgs....lb. .21 - .22
Indian, bgs....lb. .17 - .17½
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkg., works....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works....lb. .44 - —
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld. ....lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works....lb. .46 - —
Acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld....lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg., works....lb. .48 - —

Stauffer CHEMICALS

STAUFFER CHEMICALS

A DEPENDABLE SOURCE OF SUPPLY

CARBON BISULPHIDE

A clear, water-white product testing 99.99% pure, Stauffer Carbon Bisulphide is one of a selected list of basic chemicals produced by Stauffer Chemical Company. Prompt deliveries can be made in any quantity from five-gallon drums to fifty-ton tank cars, from strategically located plants, serving the Chemical Industry from coast to coast.

OTHER STAUFFER PRODUCTS

BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE : SILICON TETRACHLORIDE : CREAM OF TARTAR : SULPHURIC ACID : SULPHUR : TARTARIC ACID WHITING : LIQUID CHLORINE : TEXTILE STRIPPER : CAUSTIC SODA NITRATE OF POTASH

STAUFFER CHEMICAL COMPANY

624 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N.Y. • Freeport, Texas • 507 Flower St., Los Angeles, Cal. • Carbide and Carbon Bldg., Chicago, Ill. • 424 Ohio Bldg., Akron, Ohio • Apopka, Florida

Cellulose, acetate-priplonate, low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
Cellulose, acetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .50 - .60
Roman, bls.....lb. .40 - .45
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.32.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt...ton.32.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio .....ton.29.80 - —
Penn. .....ton.31.80 - —
Utah .....ton.86.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02¼- —
l.c.l., bbls., wks.....lb. .02¾- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., csks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, 6 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works..lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 150-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.10
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½% cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .70 - .75
20 in., thick, cs.....lb. .70 - .75
20 in., medium, cs.....lb. .30 - .35
USP, broken quill, red, bgs., lb. .30 - .35
yellow, bgs.....lb. .30 - .35
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cans.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —

Cinchonidine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .54 - —

Cinchonine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .22½- .23
3 bls.....lb. .21½- .22
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .87 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Madagascar, bls.....lb. .23 - .24
Zanzibar, bls.....lb. .20 - .21
Clover tops, bgs.....lb. .35 - .38
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.75 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .35 - —
Oleate, bbls.....lb 25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1½, bbls.....lb. .16 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .66 - .69
Cocoa butter, bulk, c.l., bgs...lb. .14 - .14½
Cocillana bark, bgs.....lb. .40 - .48
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06¼- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.18.00 - —
single, ozs.....oz.19.00 - —
Colchicum seed, bgs.....lb. .36 - .40
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .75 - .80
Colombo root, bls.....lb. .18 - .20
Coltsfoot leaves, bgs.....lb. .15 - .16
Condurango bark, bgs.....lb. .14 - .16
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns....lb. .35 - .36
S. A. USP, cns.....lb. .37 - .39
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 52-54%, bbls.....lb. .1690 Nom.
Chloride, cryst., bbls.....lb. .18 Nom.
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12½- —
Nitrate, cryst., bbls.....lb. .17 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. .18¾ Nom.
Red, com'l., 80-88%, kgs., f.o.b. N. Y..lb. .20 Nom.
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .24½- .25½
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0250 Nom.
Coriander seed, Morocco, bgs..lb. .07½- .08
bleached, bgs.....lb. .10 - .10½

Cellulose—Creosote Oil

Corn sugar, Tanner's chipped, bgs., c.l., dlvd..100 lbs. 2.94 - —
slabs, bbls., c.l.....100 lbs. 2.86 - —
solid, bbls., c.l.....100 lbs. 2.98 - —
Syrup, 42°, bbls., c.l....100 lbs. 2.97 - —
43°, bbls., c.l.....100 lbs. 3.02 - —
Cornsilk, bls.....lb. .14 - .15
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.14 - —
gran., powd., dms., 50 lbs. or more..lb. 1.99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd., unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .25½- —
smaller lots, bbls.....lb. .25¾- —
kgs.....lb. .26¼- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works .....gal. .18 - .18½

Cresol—Gasoline

Cresol, USP, dms., c.l., works..lb. .09½ Nom.
l.c.l., same basis.....lb. .10 Nom.
special resin grade, dms., c.l., works..lb. .08¼ Nom.
l.c.l., same basis.....lb. .08¾ Nom.
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs. .....lb. .47 - .48
Culver's root, bls.....lb. .15 - .16
Cumin seed, Algerian, bgs....lb. .21 Nom.
Morocco, bgs.....lb. .21 Nom.
Cutch, Borneo, extract, solid, f.a.s., bgs..lb. .04 - —
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2 unit ton. 1.27½ —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .56 - —

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Damiana leaves, bls.....lb. .20 - .21
Dandelion root, German, bls...lb. .27 - .28
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .09½- .10
English, bbls.....lb. .10 Nom.
neutral, dom., bbls.....lb. .15 - .18
English, bbls.....lb. .15 — .18
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .26
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk cns....lb. 2.25 - 3.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b., Chicago..100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.45 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.50 - —
Potato, import, bgs.....lb. .07¾ Nom.
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd. .....lb. .21¼- —
tanks, dlvd. .....lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works .....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works .....lb. .102 - —
tanks, works .....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bxs., c.l., c.i.f.....ton.23.00 Nom.
Dibutylamine, dms., c.l., works, lb .50 - —
l.c.l. .....lb. .51 - .53
tanks, works .....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. .....lb. .19¼- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23¼- .25¼
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethyl carbonate, coml., dms..lb. .26 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19¼- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .40 - .45
Digiycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, reclaimed, bgs.....lb. .13 - .13½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18¼- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17½- —
Dimethylaniline, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .13 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms. .....lb. .09 - —
Diorthotoluoguanidin, dms., 2,000 lbs. or over, dlvd..lb. .46 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .16 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .18 - .20
Dogwood bark, Jamaica, bls., lb. .08 - .09
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. 1.05 - 1.10

Dyes, coaltar, for coloring foods (certified)

Blue:—
Brilliant blue FCF, cans. lb. 13.50 - —
1180 Sodium indigo disulphonate, cns..lb. 13.50 - —
Green:—
Fastgreen FCF, cns..lb. 27.50 - —
666 Guinea green B., cns. lb. 13.50 - —
670 Light green SF, yellowish, cns..lb. 17.50 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb. 17.50 - —
80 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau SX, cns.....lb. 5.75 - —
Yellow:—
10 Naphthol yellow S, cns. lb. 6.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
26 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .50 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
201 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
354 Paper yellow.....lb. .33 - .80
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
392 Direct scarlet B.....lb. 1.50 - 1.75
397 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct asurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black BW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
688 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .35 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
13 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).

Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrels are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.... ....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
927 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Brown:—
234 Resorcin brown Y...lb. .65 - —
335 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .57 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .62 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX.lb. .72 - .75
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
783 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .68 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .62 - .64
imported .....lb. .59 - .62
Elder flowers, bright, bls.....lb. .45 - .47
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10½ - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .19 - .21
Emetine hydrochloride, bots..oz. 19.00 -19.50
Ephedra, bls. .....lb. .10 - .10½
Ephedrine, tins, 1,000 ozs.....oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs.....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.75 - 2.85
Eserine, bots. .....oz. 42.00 - —
Salicylate, bots. .....oz. 36.00 - —
Sulphate, bots. .....oz. 36.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24¼- —
l.c.l., dlvd. .....lb. .25 - —
cns. .....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms. .....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .071 - —
l.c.l., frt. alld.....lb. .076 - —
tanks, frt. lld.....lb. .061 - —
95-98%, dms., c.l., frt. alld.lb. .0785- —
l.c.l., frt. alld.....lb. .0835- —
tanks, frt. alld.....lb. .0685- —
N. F., VI, 99%, dms., 400 lbs..lb. .09 - —
cns., 35 lbs.....lb. .13 - .14
USP, VIII, 90%, dms., 460 lbs. lb. .08 - —
cns., 35 lbs.....lb. .13 - —
Ethyl, acetoacetate, dms., c.l., works..lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
crotonate, 55 gal. dms., dlvd., lb. .35 - —
Formate, cns., dms.....lb. .23 - .24
5 and 10 gal. dms., dlvd....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Iodide, bots. .....lb. 3.50 - 3.65
Lactate, 55-gal. dms., works, lb. .23½- —
5-gal. dms., works.....lb. .27½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 - —
5-lb. lots .....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, frt. alld..lb. .47 - —
500 lbs. or more, frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0554
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0654
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinaniline, dms. .....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .85 Nom.
Eucalyptus leaves, bls.....lb. .13 - .15
Eugenol, cns., dms.....lb. 2.25 - 2.30
Euphorbia, bls.....lb. .18 - .19

F

Feldspar, enamel, 100 mesh, bulk, works..ton. 14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., same basis.....lb. .19½- —
88/251, bgs., c.l., same basis., lb. .19½- —
l.c.l., same basis.....lb. .20½- —
pottery, bulk, Me., works...ton. 17.00 -19.00
N.C. works .....ton. 17.00 -19.00
Fennel seed, Indian, bgs.....lb. .15 - .16
German, large, bgs.....lb. .33 - .34
Fenugreek seed, bgs.....lb. .08 - .10
Ferric Sulphate, anhyd., c.l., works..ton. 35.00 - —
l.c.l. .....ton. 40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works...lb. .10½- —
smaller lots, works...lb. .12 - —
light, cs., 1,000 lbs. or over, works..lb. .11½- —
smaller lots, works...lb. .13 - —
water white, cs., 1,000 lbs., or over, works..lb. .12½- —
smaller lots, works...lb. .14 - —
Fir balsam, Canada, cns.....gal. 12.75 -13.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 4.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. 58.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor, acid, bulk, So. Atlantic factories, contracts..unit-ton. 3.00 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Oct.-Nov., shipt..ton. 52.50 - —
spot..ton. 54.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .20 - .21
Indian, blonde, bgs.....lb. .09 - .10
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, net ton. 31.60 - —
washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton. 20.00 -20.50
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines...net ton. 21.00 -22.00
imported, 85.5, duty paid, short ton. 25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works .....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works .....lb. .05¾- —
tanks, works .....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton. 10.00 - —
import, bgs., c.l., ex dock.ton. 25.00 Nom.
l.c.l., ex whse.....ton. 32.00 Nom.
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .23
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .15 - .20
Gambier, common, cases.....lb. .08 Nom.
plantation, cases.....lb. .10 Nom.
Cubes, Singapore, cases....lb. .11 Nom.
extract, bbls.....lb. .09 - .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .07½- .07½
65 octane and above, tanks, gal. .07½- .08
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U.S. Motor, bulk, gal. .06 - —
60-62, 590 e.p., bulk, export, gal. .05¾- —

Gasoline, at refinery, Gulf Coast, U.S. motor spirit, 70-72, 400 e.p., bulk, export..gal. .06⅝- —
64-66, 375 e.p., bulk, export, gal. .06¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¼- .04¼
67-69 octane, tanks....gal. .04½- .04⅝
70-72 octane, tanks....gal. .04⅝- .05¼
Oklahoma-Texas, US motor, 63 octane and below, tanks..gal. .04 - .04⅝
third grade, tanks..gal. .04 - .04⅝
63-66 octane, tanks....gal. .04⅝- .05
67-69 octane, tanks....gal. .04¾- .05⅛
70-72 octane, tanks....gal. .05⅛- .05⅛
natural, 12-lb. v.p., tanks..gal. .06 - .06¼
14-lb. v.p., tanks.....gal. .05¾- —
18-lb. v.p., tanks.....gal. .05⅛- .05¼
22-lb. v.p., tanks.....gal. .04⅝- —
26-70 lb. v.p., tanks...gal.. .04¼- —
below 60 octane, tanks.gal. .05 - —
65 octane, tanks.....gal. .07 - —
52-54 450 e.p., naphtha, tanks..gal. .05½- —
Gelatin, silver, cs.....lb. .42 - .43
Gelsemium root, bls.....lb. .25 - .26
Gentian root, bls.....lb. .18 - .20
grd., bbls., bxs.....lb. .21 - .23
powd., bbls., bxs.....lb. .22 - .24
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .08¼- .08½
Cochin, leman, bgs.....lb. .09½ Nom.
Jamaica, bold, bgs.....lb. .13 - .13¼
grinding, bright, bgs.....lb. .09 - .09½
medium, bgs .....lb. .10½- .11
Japanese, bgs.....lb. .08½- .09
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works.... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type,24 millipoise, 36 jelly-grams, bgs, c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
36/58, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
58/82, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
82/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
hide, calcimine type, 58 millipose 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
92/283, bgs., c.l., same basis, lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/815, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/847, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/879, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08¾ Nom.
soapiye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾ Nom.
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .24 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .12½- .13
Goldenseal, root, bls.....lb. 3.60 - 3.65
powd., bxs.....lb. 3.90 - 3.95
Grains of paradise, bgs.....lb. .70 - .75
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l. works....lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .05⅝- .05¾
White .....lb. .06 - .06½
Yellow .....lb. .05¾- .05⅞
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¾- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —

Gasoline—Gum, Copal

Green, chrome, reduced, c.p., color content 20-27%, bbls., same basis..lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17⅝- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼ - —
Oxide, doms., pure, bbls...lb. .28 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .68 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .80 - .85
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib., dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.10 - 1.18
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Gum, arabic, amber sorts, cleaned, bgs..lb. .24 Nom.
white, sorts, 1, bgs.....lb. .35 Nom.
2, bgs.....lb. .34 Nom.
powd., bbls.....lb. .27 Nom.
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. 33 - .34
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.....lb. .47½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Congo, cloudy, white, bgs., c.l., same basis..lb. .37½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .25⅞- —
5, pale, straw bold, bgs., c.l., same basis..lb. .20⅝- —
6, pale amber bold, bgs., c.l., same basis..lb. .21⅛- —
7, pale, straw, bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .16¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .12½- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13⅝- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .10⅞- —
12, selected bold sorts, bgs., c.l., same basis..lb. .10¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .07⅞- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23⅜- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¼- —
16, inferior ivory sorts., bgs., c.l., same basis..lb. .08⅜- —
17, pale, fingers, bgs., c.l., same basis..lb. .20⅜- —
18, pale straw nubs, bgs., c.l., same basis..lb. .17 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .16⅜- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .11⅛- —
21, ordinary selected nubs, c.l., same basis..lb. .10⅛- —
22, small mixed nubs, bgs., c.l., same basis..lb. .09⅜- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .09⅞- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .19 - —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .09½- —
26, pale, bold chips, bgs., c.l., same basis..lb. .09⅛- —
27, pale small nubs, bgs., c.l., same basis..lb. .08⅝- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .08 - —
unscraped, bgs., c.l., same basis..lb. .06⅞- —
chips, bgs., c.l., same basis..lb. .06⅞- —
dust, bgs., c.l., same basis..lb. .06⅝- —
nubs and chips, bgs., c.l., same basis..lb. .06⅞- —
black, bold, scraped, bgs., c.l., same basis..lb. .10½- —
unscraped, bgs., c.l., same basis..lb. .06⅞- —
nubs and chips, bgs., c.l., same basis..lb. .07¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .15¼- —
chips, bgs., c.l., same basis..lb. .08½- —
dust., bgs., c.l., same basis..lb. .06⅝- —
nubs, bgs., c.l., same basis..lb. .13⅜- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .18¼- —
chips, bgs., c.l., same basis, lb. .10¼- —
dust, bgs., c.l., same basis.lb. .06⅝- —
nubs, bgs., c.l., same basis, lb. .13 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13⅜- —
light, bskts., c.l., same basis..lb. .15⅞- —
Loba A, bskts., c.l., same basis..lb. .13⅜- —
B, bskts., c.l., same basis.lb. .13 - —
C, bskts., c.l., same basis, lb. .12⅝- —
CNE, bskts., c.l., same basis..lb. .10½- —
D, bskts., c.l., same basis, lb. .11⅜- —
DK, bskts., c.l., same basis, lb. .09⅝- —
dust, bskts c.l., same basis, lb. .07⅞- —
Sambas and white split chips, bskts., c.l., same basis..lb. .17½- —

Carloads for PRODUCTION But not a pound for "PROTECTION"

This Company is selling CHEMICALS, GUMS and WAXES — not War Risk Insurance. We are serving, and will continue to do our best to serve, efficiently and economically, the normal process requirements of industrial users of our materials this country over.

ISCO PRICES will continue to be based on actual market costs—not on fear-inflated reflections of future (and we believe unlikely) shortages.

In maintaining normal service to *all* our trade we cannot, of necessity, accept "Protective Purchases" far in excess of actual production requirements.

It is our sincere belief that *your* cooperation with this policy will pay you definite dividends in ultimate profit.

We want no "War Boom" with its inevitable disruption of sound business — and eventual economic collapse.

• • • • •

The IDEAL INERT AND FILLER for the PAINT MANUFACTURER

ISCO CARRARA SOFT DECOMPOSED SILICA

Water Ground and Floated; prime white, uniform 99½% pure. Any desired mesh.

•

ISCO HYDRATED LIME

Properly hydrated; prime white. Uniformly ground, extremely fine. Contains no grit.

ISCO CASEIN J. C.

20-30 Mesh — and Powdered. 80-100 Mesh. Soluble and Insoluble. Great adhesive strength.

•

Check us as headquarters on

CAUSTIC POTASH Various forms and packages

CAUSTIC SODA Various grades

FORMIC ACID • OXALIC ACID • BLEACHING POWDER BORAX and BORIC ACID

Full line of

GUMS—ARABIC • KARAYA • TRAGACANTH LOCUST BEAN

First hands on

REFINED WAXES • CARNAUBA • BEESWAX CANDELILLA

INNIS, SPEIDEN & CO.
Established 1816
117-119 Liberty Street · · · NEW YORK
BOSTON · PHILADELPHIA · CHICAGO · CLEVELAND · GLOVERSVILLE, N. Y.
A National Institution

Gum, Copal—Lime-Sulphur Sol.

Gum, copal, Manila, Singapore, dust., bskts., c.l., same basis..lb. .07⅝- —
spirit-soluble, CBB, bskts., basis..lb. .11⅝- —
DBB, bskts., c.l., same basis..lb. .11 - —
MA, bskts., c.l., same basis, lb. .09⅝- —
MB, bskts., c.l., same basis, lb. .09⅛- —
WS, bskts., c.l., same basis, lb. .11 - —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .10 - —
chips, pale, bskts., c.l., same basis..lb. .11¼- —
pale, small, bskts., c.l., same basis..lb. .10¼- —
extra pale sorts, bskts., c.l., same basis..lb. .11⅝- —
nubs, bskts., c.l., same basis..lb. .13¼- —
pale, scraped, bskts., c.l., same basis..lb. .14 - —
seeds and dust, bskts., c.l., same basis..lb. .08⅞- —
Pontianak, bold., genuine, bgs., same basis..lb. .18½- —
mixed, bgs., c.l., same basis, lb. .16⅝- —
split, bgs., c.l., same basis, lb. .16⅛- —
chips, bgs., c.l., same basis, lb. .09⅝- —
nubs, bgs., c.l., same basis, lb. .13¾- —
dammar, Batavia, A, cs., c.l., same basis as copal..lb. .22¾- —
A/D, cs., c.l., same basis..lb. .15¼- —
A/E, cs., c.l., same basis..lb. .13⅝- —
B, cs., c.l., same basis....lb. .21½- —
C, cs., c.l., same basis....lb. .15⅝- —
D, cs., c.l., same basis....lb. .14¼- —
dust, cs., c.l., same basis..lb. .07⅝- —
E, cs., c.l., same basis....lb. .10 - —
F, cs., c.l., same basis....lb. .08⅝- —
Singapore 1, cs., c.l., same basis..lb. .19½- —
2, cs., c.l., same basis....lb. .15⅝- —
3, cs., c.l., same basis....lb. .08⅝- —
chips, cs., c.l., same basis.lb. .12½- —
dust., cs., c.l., same basis, lb. .08⅝- —
seeds, cs., c.l., same basis, lb. .10½- —
Elemi, cns., c.l., same basis as copal..lb. .13 - —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06⅝
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs., or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .50 - .55
Galbanum, cs.....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Gualac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 Nom.
BX, cs., c.l., same basis..lb. .38 Nom.
B1, cs., c.l., same basis..lb. .28 Nom.
B2, cs., c.l., same basis..lb. .24 Nom.
B3, cs., c.l., same basis..lb. .18½ Nom.
80% chips, cs., c.l., same basis..lb. .12½ Nom.
pale, XXX, cs., same basis.lb. .61 Nom.
1, cs., c.l., same basis...lb. .41 Nom.
2, cs., c.l., same basis...lb. .24 Nom.
3, cs., c.l., same basis...lb. .17¾ Nom.
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .70 Nom.
Myrrh, USP, cs.....lb. .70 - .77
Olibanum, cs.....lb. .09 - .25
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs. .....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls. .....280 lbs.15.00 -15.25
Tragacanth, Aleppo, 1 cs....lb. 2.50 Nom.
2, cs.....lb. 2.40 Nom.
3, cs.....lb. 2.25 Nom.
flake, bgs.....lb. No prices
Yucca, bgs.....lb. .08 Nom.
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equid..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.13.50 - —
Sweetwater, Tex., frt. equald..ton.13.50 - —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .35 - .37
Heliotropin, cryst., cns.....lb. 2.75 Nom.
Hellebore root, white, powd., bbls. lb. .10 - .17
Helonias root, bls.....lb. .50 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03⅜- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .05½- .06
Henbane leaves, bls.....lb. .65 Nom.
Henna leaves, bls.....lb. .15 - .17
powd., bbls., bxs.....lb. .18 - .20
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms....c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .26 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .35 - —
fib., ctns., same basis....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs.....oz.15.00 Nom.
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - 3.15
Hops, N. F., bls.....lb. .23 - .24
Horehound, bls.....lb. .10 - .14
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs..oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.00 - —
cns., 16 oz.....oz.18.75 - —
Hydrastinine, 15 gr., bots...bot. 3.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.26.00 -26.25
Hydrochloride, 5 gr., bots..bot. .75 - —
Hyoscyamine, 5 gr., bots....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls.....lb. .13 - —

I

Iceland moss, bls.....lb. .22 - .24
Ichthyol, bots.....lb. 4.00 Nom.
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.68 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs., less 5%.....lb. 1.21 - —
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
tincture, USP, bbls, 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 4.10 - —
jars, 5 gals.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .16 - .17
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .28 - .30
Iron acetate, N. F. IV, cbys. 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l. dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns.....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, djns.....lb. .39 - —
bots.....lb. .53 - —
Nitrate, coml., kgs.....lb. .02⅝- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .88
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .43 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .105 - —
W. of Rockies, frt. alld..lb. .109 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .07 - —
W. of Rockies, frt. alld, lb. .074 - —
l.c.l., E. of Rockies, frt. alld..lb. .075 - —
W. of Rockies, frt. alld, lb. .079 - —
Isopropyl, acetate, tanks, E. of Rockies, frt. alld..lb. .06 - —
W. of Rockies, frt. alld..lb. .064 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .13
Jalap root, NF, bls.....lb. .24 - .26
powd., bbls., bxs.....lb. .28 - .30
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.75 - —
Juniper berries, bgs.....lb. .11 - .15

K

Kamala, tins.....lb. .45 - .46
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04⅝- .05⅜
Gulf ports, p.w., bulk....gal. .03⅝- .04⅜
w.w., bulk..gal. .03⅞- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04⅜
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅜- .04⅛
42-44 w.w., tanks.....gal. .04 - .04⅜
Pennsylvania, 45 w.w., tanks gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04⅝- .05
47 w.w., tanks.....gal. .04⅞- .05⅜
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .09 - —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .12 - .13

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.50 - 7.75
Middlewestern, trcs....100 lbs. 7.10 - 7.20
Neutral, trcs.....100 lbs. 8.00 - 8.25
Western, choice, trcs..100 lbs. 7.10 - 7.20
Compound, trcs.....100 lbs. 9.50 - 9.75
Larkspur seed, bgs.....lb. .75 - .85
Laurel berries, bls.....lb. .25 - .26
Lavender flowers, ordinary, bls.lb. 1.10 Nom.
medium, bls.....lb. 1.35 Nom.
select, bls.....lb. 1.50 Nom.
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .10½- .11¼
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz. Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
l.c.l., dlvd., E.....lb. .06⅝- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .40 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.66 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0835- —
other points.....lb. .0810- —
Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08½- —
smaller lots, etc.....lb. .09½- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0860- —
other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0885- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Lead, red, dry, 98% Pb_3O_4, l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused 15%, bbls....lb. .09½- —
pale, bbls.....lb. .11¼- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .26 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10¼- —
smaller lots, E. frt. alld. lb. .10¼- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07½- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06⅝- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., consumers. lb. .12¾- —
dealers .....lb. .10¾- —
painters .....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .53½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .15 - .17
Licorice extract, mass, cs.....lb. .18 - .19
powd., bbls.....lb. .24 - .25
root, cuttings, bls.....lb. .08 - .10
powd., bbls., bxs.....lb. .11 - .14
select, bndls., cs.....lb. .20 - .25
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio.....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs. or more, bgs., same basis..lb. .07¾- .08¾
dms, same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .16
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —

Lime-sulphur, solution, Zone 6, tanks, dealers..gal. .08½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penn. eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 3.80
Linalyl acetate, cns.....lb. 2.50 - 2.75
Linden flowers, with leaves, bls.lb. .35 - .40
without leaves, bls.....lb. .35 - .50
Linseed cake, bags, export...ton.31.00 -31.50
Meal, 34%, bag.....ton.34.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
dlvd., other points....lb. .0710- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07½- —
Litharge, 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Colo., Mont., N. Mex., Wyo..lb. .07½- —
other points.....lb. .07¼- —
smaller lots, dlvd., Ala., etc. lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¾- —
other points.....lb. .07¾- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.95 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Lithopone, dom., high-strength, bgs., c.l. (20 tons)..lb. .05½- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots .....lb. .05¾- —
ordinary, bgs., c.l., (20 tons) lb. .03¾- —
smaller lots .....lb. .04 - —
bbls., c.l., (20 tons).....lb. .04 - —
smaller lots .....lb. .04¼- —
titanated, bgs., c.l. (20 tons) lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05¼- —
smaller lots .....lb. .05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .40 - .45
Lobelia, herb, bls.....lb. .12 - .13
Seed, bgs. .....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .56
import, bls.....lb. .45 - .60
Lupulin, N. F., tins.....lb. 1.35 1.40
Lycopodium, cs.....lb. 4.00 Nom.

M

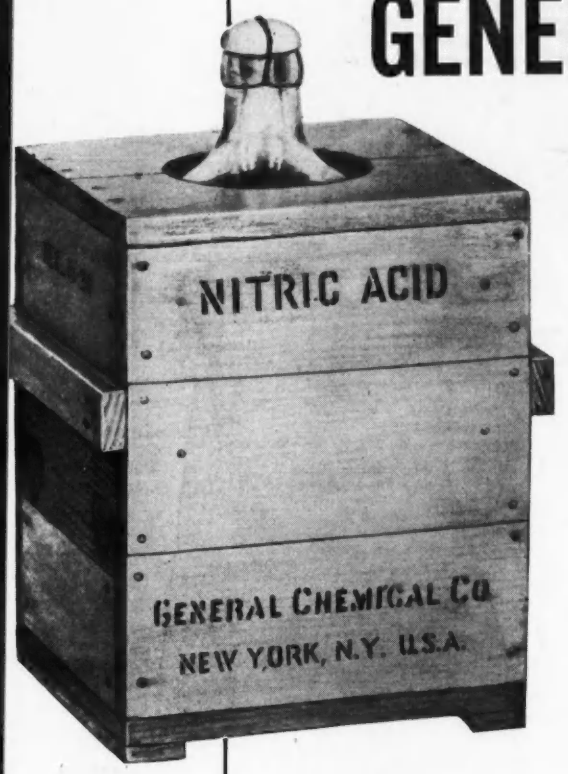
Mace, Banda, cs.....lb. .65 - .67
Batavia, cs.....lb. .34 - .35
Siauw, cs.....lb. .51 - .52
Mauder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House, Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Lime-Sulphur Sol.—Methanol

Magnesia, chloride, anhy., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns.....100 lbs. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .83 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bgs., duty paid...ton.60.00 -70.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .65 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .50
blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .11 - .12
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .03½ Nom.
Manganese, dioxide, African, battery, 84-87%, bgs., 28-40 tons, works..ton.64.50 - —
5-15 tons, works.....ton.67.50 - —
½-4 tons, works....ton.72.50 - —
300-600 lbs., works.ton.92.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works...ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.25 - —
l.c.l., 5 tons, works..ton.62.25 - —
smaller lots, works..ton.67.25 - —
paper bgs., c.l., works.ton.57.50 - —
l.c.l., 5 tons, works..ton.60.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.30 - —
smaller lots.....lb. 3.00 - —
cns.. 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton. No price.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .08 - .08½
single dms., works.....lb. .08½- .08¾
cryst., 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton. No prices
Manna flake, large, cs.....lb. .60 - .65
small, cs.....lb. .55 - .60
Mannitol, 99% pure, cs., works, lb. .42 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .35 Nom.
Tunisan, bls.....lb. .33 Nom.
Chilean, bls.....lb. .27 - .29
Matico leaves, bls.....lb. .30 - .35
Menthol, USP, natural, cs....lb. 3.35 - 3.45
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.24 - —
25 lbs.....lb. 1.26 - —
50%, pails, 50 lbs.....lb. 1.79 - —
25 lbs.....lb. 1.81 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 2.62 - 2.64
fib., dms., 100 lbs.....lb. 2.49 - —
jars, 25 lbs.....lb. 2.51 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs. lb. 4.41 - 4.45
cns., 25 lbs.....lb. 4.30 - 4.35
fib., dms., 100 lbs.....lb. 4.30 - 4.35
yellow, bots., 5 lbs.....lb. 4.51 - 4.55
cns., 25 lbs.....lb. 4.40 - —
fib., dms., 100 lbs.....lb. 4.40 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Mercury, oxide, yellow, dom., tech., bbls..lb. 2.26 - —
USP, fib, dms., 50 lbs. or more..lb. 2.78 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.72 - —
fib., dms., 25 lbs.....lb. 1.60 - 1.65
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5½ in.....pkg.22.50 -23.00
3⅜x5½ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums. car lots.



GENERAL CHEMICAL
NITRIC ACIDS
and Nitrate Products

Diamond Grade is our highest quality commercial Nitric Acid—practically water-white and containing a minimum of impurities. Available in four standard strengths:

36° Baume—approx. 52.3% HNO_3
38° Baume—approx. 56.5% HNO_3
40° Baume—approx. 61.4% HNO_3
42° Baume—approx. 67.2% HNO_3

Other grades of Nitric Acid also are produced by General Chemical Company, including Aqua Fortis for use in processes not requiring the extremely high purity of Diamond Grade.

NITRATES—The facilities of General Chemical Company are unusually well adapted to the manufacture of special inorganic Nitrates to customers' specifications. Experience in manufacturing "tailor made" Nitrates for many companies will be valuable in making for you the products you need.

"MIXED" OR NITRATING ACID—is another Nitric Acid product with which General Chemical has had long manufacturing experience. It is available in various percentages of Nitric Acid and from several producing locations. Shipped in tank cars and drums.

NITRIC ACID—PHOTO-ENGRAVERS' GRADE

Nitric Acid—Photo-Engravers' Grade, available in 36, 38, 40 and 42° Baume, is an improved Nitric Acid particularly developed for the photo-engraving trade. Its use offers definite advantages, unobtainable with any ordinary grades of Nitric Acid. Most important are (1) A rapid and more uniform "bite" maintained throughout the life of the etching bath (2) Greatly minimized evolution of objectionable fumes, and (3) Increased resistance to decomposition by light. Write for details.

GENERAL CHEMICAL COMPANY

Executive Offices: 40 RECTOR STREET, NEW YORK, N. Y.

Sales Offices: Atlanta • Baltimore • Boston • Buffalo • Charlotte (N. C.) • Chicago • Cleveland Denver • Houston • Kansas City • Los Angeles • Milwaukee • Minneapolis • Montezuma (Ga.) Philadelphia • Pittsburgh • Providence (R. I.) • San Francisco • St. Louis • Utica (N. Y.) Wenatchee (Wash.) • Yakima (Wash.)

In Canada: The Nichols Chemical Company, Limited • Montreal • Toronto • Vancouver

Methanol—Myrobalans

Methanol, synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .50 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. ....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. all..lb. .29½- —
Acetone, natural, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies, gal. .28 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast .....gal. .42- —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt. alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4, ...gal. .605 - —
tanks, Zone 1, frt. alld., E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4, ...gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - .80
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 30-lb cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .25 - .26
Lactate, dms., l.c.l., dlvd..lb. .20 - —
Iodide, bots.....lb. 3.65 - 3.80
Salicylate, dms.....lb. .35 - .37—
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .28 - —
permanent, bbls. .....lb. .32 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methyl cellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
less than 100 lbs., works...lb. .75 - —
Methylcyclonexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .26 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.28.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.60
tech., bots.....lb. 3.10 - —
Methyl propyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —

Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bags., extra and returnable, c.l., worke..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works.ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton..29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse., or frt. alld., E...lb. .04½- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l. .....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .06¼- .06¾
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .05½- .06
f.o.b. New Orleans.....gal. .04½- .05
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .06
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works..lb. .65 - —
Monoethylaniliu, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).

Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs. .....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 —
cns. 25 ozs.....oz. 8.76 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .15
flowers, cns.....lb. 1.50 - 1.60
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.60 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....(.....lb. 4.00 - —
ketone, cns., 100 lbs. or more, lb. 3.75 - —
5 lbs. to 75 lbs.....lb. 4.00 - —
1 lb.....lb. 4.15 - —
xylol, cns., 100 lbs., or more, lb. 1.10 - —
5 lbs. to 75 lbs.....lb. 1.20 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .65 - .70
Mustard seed, California, brown, bgs..lb. .09½- .10
Danish, yellow, bgs.....lb. .13½- .14
Dutch, yellow, bgs.....lb. No stocks.
English, yellow, bgs .....lb. No stocks
Roumanian, yellow, bgs....lb. .11½- .12
Myrobalans, J1, bgs., f.a.s....ton.30.00 - —
J2, bgs., f.a.s.....ton.23.00 - —
Extract, liquid, 25%, bbls....lb. No prices
solid, 50% bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

OUTSELLS
ALL OTHER BRANDS COMBINED
3 TO 1

Exchange
OIL OF LEMON
U·S·P·

Sold to the American Market Exclusively by

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK, N. Y.

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76 NINTH AVENUE, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 Nom.
bgs., bbls., l.c.l., works, 100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works 100 lbs. 2.50 Nom.
l.c.l., works .....100 lbs. 2.75 Nom.
Import, bgs., Atl. ports.100 lbs. No prices
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .06⅝- —
50-lb., cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06 - —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36⅞
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - -
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .39 - -
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls..lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.2158- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. 2.25 - —
East Coast producing points..unit-ton. 3.00 - —
Import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.85 - —
Nitronaphthalene, bbls.....lb. .24 - .26
Nutgalls, Alleppo, bgs., cs....lb. .29 - .30
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .24 - .25
110s, bgs., cs.....lb. .22 - .22½
West Indian, bgs.....lb. .13 - .13½
Nux vomica, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03⅝- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3 .....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, bots. .....lb. 2.00 - 2.10
e.p.a., bots. .....lb. 2.10 - 2.20
sweet, true, exp., cns....lb. 1.00 Nom.
Amber, crude, cns.....lb. .19 - .30
ref'd, cns. .....lb. .50 - .51
Amyris, cns. .....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 Nom.
seed, bots.....lb.75.00 Nom.
Anilin (see A).
Anise, USP, cns., dms.....lb. .85 - .90
Apricot, kernels, cns.....lb. .35 - .40
Babassu, tanks.....lb. .06⅞ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.20 Nom.
55-60% phenols, cns.....lb. 1.35 Nom.
Bergamot, artif.. cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 4.50 - 4.75
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 Nom.
rectified, cns.....lb. .75 Nom.
Bois de rose, Brazil, cns.....lb. 1.60 Nom.
Cade, USP IX (see Oil, juniper tar)
Cajeput, tech., dms.....lb. .53 Nom.
USP IX, cns.....lb. .63 Nom.
Calamus, cns.....lb. 5.50 Nom.
Camphor, sassafrassy, cns...lb. .35 Nom.
dms. .....lb. .33 Nom.
white, cns.....lb. .52 Nom.
dms. .....lb. .50 Nom.
Cananga, native, cns.....lb. 1.35 Nom.
rectified, cns.....lb. 1.80 Nom.
Capsicum (oleoresin) N. F. VI, cns..lb. 2.25 Nom.
Caraway, USP, cns.....lb. 3.00 Nom.
Cardamom, bots.....lb.15.00 Nom.
Cassia, USP, cns., dms.....lb. 1.30 - 1.35
Castor, blown, one-way dms., c.l..lb. .12¾ Nom.
l.c.l. .....lb. .13½ Nom.
medicinal, bbls., c.l.....lb. .11¼ Nom.
l.c.l. .....lb. .12 Nom.
cns. (1-gal.) l.c.l.....lb. .15 Nom.
dms. (returnable), c.l.....lb. .11 Nom.
l.c.l. .....lb. .11¾ Nom.
(5-gal.), l.c.l. .....lb. .13 Nom.
tanks .....lb. .10½ Nom.
No. 3, bbls., c.l.....lb. .10¾ Nom.
l.c.l. .....lb. .11½ Nom.
dms. (returnable), c.l.....lb. .10½ Nom.
l.c.l. .....lb. .11¼ Nom.
tanks .....lb. .10 Nom.
dehydrated, dms., c.l.....lb. .156 Nom.
l.c.l. .....lb. .16 Nom.
tanks .....lb. .15 Nom.

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
75% (63% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Cedarleaf, cs.....lb. .70 Nom.
dms. .....lb. .65 Nom.
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .20 - .21
Oil, celery, bots.....lb. 7.25 Nom.
Chaulmoogra, USP, cns., 500 lbs. lb. 1.00 - —
25 lbs. .....lb. 1.25 - —
Chinawood, dms.....lb. .28 Nom.
tanks .....lb. .24 - .27
Cinnamon, Ceylon, bots.....lb. 9.25 -25.00
Seychelle, bots.....lb. 7.25 Nom.
Citronella, Ceylon, cns.....lb. .47 Nom.
dms. .....lb. .45 Nom.
Java, cns., dms.....lb. .39 Nom.
Clove, makers, USP, cns....lb. 1.60 Nom.
dms. .....lb. 1.55 Nom.
Coconut, Manila, crude, tanks, lb. .03⅞- .04
Pac. Cst.....lb. .03¾ Nom.
edible, 76°, tax incl., dms. (returnable), c.l..lb. .09⅝- —
l.c.l. .....lb. .10¼- —
tanks .....lb. No prices
Cod, Newfoundland, shipt., un-tanked..gal. No prices
Norwegian, shipt., bbls...gal. No prices
Codliver, med., USP, bbls..bbl.38.00 -48.00
Coriander, bots. .....lb.15.00 Nom.
Corn, crude, tanks, wks.....lb. .06½- .06⅝
refd., bbls.....lb. .09 - .09¼
Cottonseed, dom., cooking, bbls. lb. .09½- —
salad, bbls.....lb. .10 - —
import, Brazilian, semi-refd., bulk..lb. No prices
Creosote (see C).
Croton, USP, cns.....lb. 1.75 Nom.
Cubeb, USP, cns.....lb. 3.50 Nom.
Crude (see Petroleum, crude).
Cumin, bots .....lb. 7.50 Nom.
Cypress, dom., bots.....lb. 5.25 Nom.
import, cns. .....lb.12.00 Nom.
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk...bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 Nom.
weed, bots. .....lb. 3.60 Nom.
Dip (see L).
Erigeron, cns.....lb. 2.40 Nom.
Eucalyptus, cns. .....lb. .57 Nom.
dms. .....lb. .55 Nom.
Fennel, sweet, cns.....lb. 3.00 Nom.
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .90 - .95
Louisiana, Arkansas, 10-14.bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.15 - —
Tuesday .....bbl. 1.15 - —
Wednesday .....bbl. 1.15 - —
Thursday .....bbl. 1.15 - —
Friday .....bbl. 1.15 - —
Saturday .....bbl. 1.05 - —
North Texas, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04⅛
Furnace, Bayonne, 1, bulk, refinery..gal. .05 - —
2, bulk, same basis....gal. .04⅜- .04⅞
4, bulk, same basis.....gal. .03⅝- .04⅛
Louisiana - Arkansas, 32-36, light straw..gal. .03⅛- .03⅛
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03⅝- .03⅛
36-38 .....gal. .03⅝- .03⅝
38-40, straw .....gal. .03⅝- .03⅝
38-40 zero, 60 e.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03⅛- —
North Texas, bulk.....gal. .02⅞- —
Oklahoma, bulk.....gal. .03⅛- —
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.75 Nom.
Bourbon, cns.....lb. 2.75 Nom.
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.85 - 1.90
Grapeseed, dms.....lb. .40 - .45
Ginger, dist., bots.....lb. 4.50 Nom.
Guaiac wood, concrete, bots..lb. 2.10 Nom.
Haarlem, import, bots....gross. 5.50 - 5.75
Hemlock, cns. .....lb. 1.00 Nom.
Juniper berry, USP, cns.....lb. 2.00 Nom.
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms..lb. .40 Nom.
cns. .....lb. .42 Nom.
Lard, common, 1, bbls.....lb. .09½- —
2 bbls. .....lb. .09¼- —
extra, bbls. .....lb. .10 - —
1 bbls. .....lb. .09¾- —
Winter, strained, extra, bbls., lb. .10¼- —
prime, burning, bbls.....lb. .11 - —
prime, tined., bbls.....lb. .10½- —
Laurel, bots. .....lb. 4.50 Nom.
Lavandin, cns., 25 lbs.....lb. 1.50 Nom.
Lavender flower, French 50% ester, cns..lb. 5.75 Nom.
38-42% ester, cns.....lb. 4.75 Nom.
35-38% ester, cns.....lb. 4.25 Nom.
30-32% ester, cns.....lb. 3.75 Nom.
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 Nom.
dms. .....lb. .95 Nom.
Lemon, Calif., cns.....lb. 3.00 - —
Messina, coppers, cns.....lb. 3.50 Nom.
Terpeneless, Type 1.....lb.10.75 -16.50
Type 2.....lb. 8.50 -14.50
Lemongrass, native, cns., dms., lb. .60 Nom.
Lime, dist., West Indian, cns. lb. 3.75 Nom.
expressed, cns.....lb. 7.25 Nom.
Terpeneless, Type 1.....lb.42.00 -46.50
Type 2.....lb.60.00 -78.00
Linaloe wood, cns.....lb. 1.50 Nom.
Linseed, raw, bbls., c.l.....lb. .0990- .1010
l.c.l., 10 to 69.....lb. .1010- .1030
5 to 9.....lb. .1050- —
less than 5.....lb. .1070- —
tanks .....lb. .0930- .0950

Boiled linseed oil prices are .004 cents higher than raw.

Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis. dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .25 - —
15-25 pour, tanks..gal. .24½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .26 - —
15-25 pour, tanks..gal. .25 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .25 - —
190-200 D, color 4½, 1- pour, tanks..gal. .25 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .16 - —
180 vis., 3 color, tanks, gal. .17 - —
4 color, tanks.....gal. .16½- —
200 vis., 3 color, tanks gal. .17½- —
4 color, tanks....gal. .17 - —
250 vis., 3 color, tanks, gal. .18½- —
4 color, tanks....gal. .18 - —
Oil, lubricating, at refinery, Oklahoma, neutrals, 280 vis., 3 color, tanks..gal. .19½- —
4 color, tanks....gal. .19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penn., bright, 600, 10-15 pour, tanks..gal. .32 - —
25 pour, tanks..gal. .30 - —
cylinder, 600 fire, tanks, gal. .15 - —
600 flash, tanks.....gal. .20 - —
630 flash, tanks.....gal. .22 - —
635 fire, tanks.....gal. .18 - —
650 fire, tanks.....gal. .19 - —
Warren, E, amber, tanks, gal. .22 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks..gal. .25 - —
180 vis., 3 color, tanks..gal. .27 - —
200 vis., 2 color, tanks..gal. .30 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .28 - —
unfiltered, 600 s. r....bbls., f.a.s..gal. .21½- —
500 flash, s. r., bbls., c.l. gal. .23½- —
630 flash, bbls, c.l., f.a.s., gal. .27½- —
Warren, E., bbls., c.l., f.a.s., smaller lots, f.o.b..gal. .27 - —
Mace, dist., cns., dms.....lb. 1.75 Nom.
Mandarin, superior, coppers..lb. 6.00 Nom.
Menhaden, crude, tanks, f.o.b. Balto..gal. .33½ Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
refd., blown, dms.....lb. .0820- —
kettle-bodied, dms.....lb. .0920- —
light pressed, dms.....lb. .0740- —
tanks .....lb. .0680- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.60 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., lb. .19¾- —
extra, bbls. .....lb. .10 - —
1, bbls. .....lb. .09¾- —
pure, bbls. .....lb. .16¾- —
prime, bbls. .....lb. .10¼- —
sulphonated, common, 25% moisture, dms...lb. .10½- —
Neroli, bots.....lb.85.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.75 Nom.
Officica, dms.....lb. .21 Nom.
Oleo, 1 bbls.....lb. .09¾- —
2, bbls. .....lb. .09¼- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.35 Nom.
edible, bbls.....gal. 2.25 Nom.
foots, dms.....lb. .10 Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
75% (63% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Orange, sweet, dist., cs.....lb. .90 - —
Expressed, African, cns., dms. lb. 1.25 Nom.
Calif., cns.....lb. 1.50 - —
Florida, cns.....lb. 1.35 - 1.40
Messina, USP, coppers.lb. 3.25 Nom.
West Indies, cns.....lb. 2.50 Nom.
terpeneless .....lb.68.00 -69.00
Origanum, cns.....lb. 1.60 - 1.65
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. No prices
shipment .....lb. No prices
softs, 12½%, bulk, shipt....lb. No prices
20%, bulk, shipt.....lb. No prices
Sumatra, shipt., bulk.....lb. No prices
Palmrosa, cns.....lb. 2.75 Nom.
Palmkernel, bulk, shipt.....lb. No prices
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 4.25 Nom.
Peanut, crude, dom., tanks..lb. .07 Nom.
refd., edible, bbls.....lb. .10½ Nom.
Pennyroyal, dom., cns.....lb. 2.15 Nom.
import, cns. .....lb. 2.75 Nom.
Peppermint, natural, cns., dms. lb. 2.60 - 2.85
redist., USP, cns., dms....lb. 2.85 - 3.10
Perilla, dms.....lb. .14 - .14½
tanks .....lb. .13¼- .13¾
Petitgrain, Paraguay, cns...lb. 1.00 Nom.
Pimento berry, cns.....lb. 4.35 Nom.
leaf, cns.....lb. 3.00 Nom.
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.....gal. .53 - .56
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.35 - 1.40
Putty, bbls., E. segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. 19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .17 - .17½
denat., bbls.....gal. 1.05 Nom.
Red, dist. or saponif, dms., dlvd..lb. .09 - .09½
tanks, dlvd.....lb. .08½- —
Rose, artif., bots.....oz. 2.00 Nom.
natural, coppers.....oz. No prices
Rosemary, Spanish, cns.....lb. .75 Nom.
dms. .....lb. .70 Nom.
Rosin, 1st rectfd., dms.....gal. .50 - —
2d rectfd., dms.....gal. .52 - —
3d rectfd., dms.....gal. .56 - —
Rue, bots.....lb. 3.00 Nom.
Sage, cns.....lb. 2.50 Nom.
Sandalwood, E. I., USP, cns.lb. 5.50 Nom.
Mysore, cns., case lots.....lb. No prices
Sardine, crude, tanks, Pac. Cst..gal. .33 Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
kettle boiled, dms.....lb. .0920- —
light pressed, dms.....lb. .0740- —
tanks .....lb. .0680- —
Sassafras, artif., cns.....lb. .62 - .64
dms. .....lb. .60 - .62
natural, cns., dms.....lb. 1.10 Nom.
Savin, cns.....lb. 3.00 Nom.
Savory, cns.....lb. 2.00 Nom.
Sesame, refd., import, dms..lb. No prices
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works .....gal. .21 - —
tanks, works .....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .06⅝- .06⅞
tanks .....lb. .06 - —
Soybean, refd., dms.....lb. .08⅜ Nom.
tanks .....lb. .07¼- —
Spearmint, USP, cns.....lb. 2.00 - 2.10
Sperm, bleach, 38°, dms.....lb. .1030- —
45°, dms.....lb. .0960- —
natural, dms.....lb. .0910- —
Spruce, cns., dms .....lb. 1.00 Nom.
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South, cns. .....lb. 1.45 - 1.50
Tall, crude, dms., c.l., works, ton.35.00 - —
l.c.l., works.....ton.40.00 -55.00
tanks, works .....ton.25.00 - —

Naphtha—Paraffin

Oil, Tall, refined, dms., c.l., works..lb. .04 - .05½
l.c.l., works .....lb. .04½- .06¼
tanks, works.....lb. .03½- .05
Tallow, acidless, bbls.....lb. .09¾- —
tanks .....lb. .09¼- —
Tansy, cns. .....lb. 7.00 Nom.
Tar, pine, cm'l, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tar, pine, rectfd., USP, bbls., dlvd., E. ports..gal. .58 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .13½ Nom.
refined, dms.....lb. .14½ Nom.
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. 1.10 Nom.
white, dms. .....lb. 1.15 Nom.
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.40 Nom.
Turkey red (see Oil, castor, sulphonated)
Turpentine (see T).
Turtle, cns.....gal. 7.50 Nom.
Valerian, bots.....lb. 8.00 Nom.
Vetiver, bots.....lb. 6.00 -18.00
Walnut, crude, dms.....lb. .15 Nom.
refd., dms.....lb. .16 Nom.
Whale, refd., natural, dms..lb. .0910- —
winter, bleach, dms.....lb. .0950- —
Wheat germ, cns., dms....gal.17.50 -25.00
White, mineral, dom., dms., tech., 50-60 vis.,dms.gal. .40 - .44
65-75 vis., dms.....gal. .42 - .46
80-90 vis., dms.....gal. .43 - .47
USP, 80-90 vis., dms....gal. .46 - .51
95-105 vis., dms.....gal. .53 - .58
125-135 vis., dms.....gal. .60½- .65⅛
140-150 vis., dms.....gal. .64 - .69
175-185 vis., dms.....gal. .68½- .73½
200-210 vis., dms.....gal. .70½- .75½
220-330 vis., dms.....gal. .76 - .81
335-345 vis., dms.....gal. .77 - .82
Russian, 80-90 vis., dms.gal. .58 Nom.
145-155 vis., dms.....gal. .76½ Nom.
175-185 vis., dms.....gal. .80½ Nom.
335-345 vis., dms.....gal. .89 Nom.
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 3.00 - 3.25
Wormwood, cns.....lb. 4.90 - —
Ylang-ylang, Bourb., bots., cns. lb. 2.50 - 3.00
Manila, bots.....lb.18.00 -34.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.15.00 - —
20 mesh to dust.....ton.10.00 - —
Opium, USP, cns.....lb.11.50 -12.50
gran., cns. .....lb.12.50 -13.50
powd., cns .....lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .11 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash....lb. .11½- —
Colo., Mont., N.M., Wyo. lb. .11¼- —
Other points.....lb. .10¾- —
smaller lots, dlvd., Ala., etc..lb. .11¼- —
Ariz., etc. .....lb. .12 - —
Colo., Mont., N. M., Wyo..lb. .11¾- —
Other points .....lb. .11¼- —
French, Tours, casks, ex dock. lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .65 - .70
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .17 - .19
Orris root, Florentine, bgs.....lb. .11 - .14
fingers, cs. .....lb. 1.25 - 1.30
powd., bbls., bxs.....lb. .16 - .20
Verona, bls.....lb. .11 - .14
powd., bxs., cs.....lb. .16 - .20
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms. .....lb. .82 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17¼- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —

Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

Orthonitroanilin, dms. .....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls. .....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00
Orthotoluene hydrochloride, dms.lb. .22 - —
Sulphonate, kgs. .....lb. 2.00 - 2.05

P

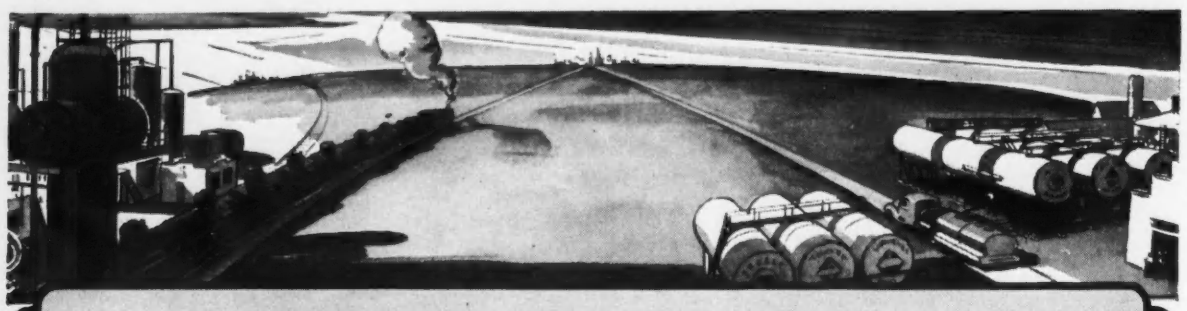
Papain, powd., cs.....lb. 2.00 - 2.10
Paprika, Hungarian, extra fancy, bgs..lb. .40 - .42
medium, bgs.....lb. .37 - .38
Portuguese, extra fancy, bgs., lb. .32½- .33⅛
fancy, bgs. .....lb. .31½- .32
Spanish, extra fancy, cs.....lb. .42 - .43
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15⅛
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .05½ Nom.
bbls., c.l., N. Y.....lb. .06½ Nom.
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .05¾ Nom.
bbls., c.l., N. Y.....lb. .06½ Nom.
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .05½ Nom.
fully refd., slabs, 128-125 A.m.p., bgs., c.l..lb. .0490- —
loose, c.l.....lb. .0455- —
125-127 A.m.p., bgs., c.l..lb. .0505- —
loose, c.l.....lb. .0470- —
128-130 A.m.p., bgs., or loose, c.l..lb. .0510- —
131-133 A.m.p., bgs. or loose, c.l..lb. .0535- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0565- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0590- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0665- —

Paraffin—Petroleum Naphtha

Paraffin, fully refined, slabs, 143-145 A.m.p., bgs., or loose, c.l.	lb.	.0760- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.70 Nom.
Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.		
match, A.m.p. up to and incl. 110-113 bbls., c.l.	lb.	.03½- .03¾
semirfd., solid., 122-124 A.m.p., bgs.	lb.	.03¼ Nom.
Paraformaldehyde, dms. 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.24 - —
100 to 900 lbs. shipments, same basis	lb.	.25 - —
Paraldehyde, tech., 99% 55 and 100 gal. dms., c.l., works	lb.	.16 - —
l.c.l., works	lb.	.11¼- —
5 and 10 gal. dms., works	lb.	.15 - —
USP, cs., cbys.	lb.	.37 - .40
Paranitroaniliin, kgs., works	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.25 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.26 - .27
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.	lb.	.23 - .25
less car lot, same basis	lb.	.24 - .26
Passion flower, herb, bls.	lb.	.07 - .09
Patchouli leaves, bls.	lb.	.28 - .30
Pellitory root, bls.	lb.	.20 - .30
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
Pepper, black, Alleppey, bgs.	lb.	.08 - .09
Lampong, bgs.	lb.	.0410-.0425
Tellicherry, bgs.	lb.	.08½ Nom.
Red, chillies, Japan, Hontaka,	lb.	.22 - .23
Mombassa, bgs.	lb.	.38 - .40
White, Java, Muntok, bgs.	lb.	.09 - .09½
Saigon, bgs.	lb.	.09 - .09¾
Peppermint leaves, dom., bls.	lb.	.34 - .35
import, bls.	lb.	.45 - .55
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
l.c.l., same basis	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
Zone 4, dms., c.l., f.ob., stock points.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal

Peru, balsam, dms.	lb.	1.10 - 1.15
Petrolatum, amber, dms., c.l.	lb.	.04 - —
l.c.l.	lb.	.05 - —
amber, extra, dms.	lb.	.04¼- —
l.c.l.	lb.	.05¼- —
veterinary, dms., c.l.	lb.	.03¾- —
white, cream, dms., c.l.	lb.	.06 - —
l.c.l.	lb.	.07½- —
lily, dms., c.l.	lb.	.07 - —
l.c.l.	lb.	.08½- —
snow, dms., c.l.	lb.	.08 - —
l.c.l.	lb.	.09½- —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .98
Athens	bbl.	.84 - 1.00
Belridge	bbl.	.70 - 1.23
Buena Vista Hills	bbl.	.70 - 1.23
Canal-Greely	bbl.	.91 - 1.00
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.75 - 1.23
Dominguez	bbl.	.79 - 1.00
East Coyote	bbl.	.75 - .98
Elk Hills	bbl.	.79 - 1.23
Elwood Terrace, f.o.b. ship.,	bbl.	1.23 - 1.43
El Segundo	bbl.	.99 - 1.21
Huntington Beach	bbl.	.75 - 1.23
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.75 - .98
Lakeview	bbl.	.70 - 1.23
Lost Hills	bbl.	.70 - 1.15
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.70 - 1.23
Montebello	bbl.	.77 - 1.75
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.23
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .90
Olinda Bros.	bbl.	.75 - 1.27
Playa del Rey, f.o.b. pipeline	bbl.	.80 - 1.10
Petroleum, crude, bulk at wells:—		
California:—		
Richfield	bbl.	.75 - 1.09
Rosecrans	bbl.	.84 - 1.06
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.75 - 1.43
Santa Maria	bbl.	.42 - .70
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.10
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.06
Wheeler Ridge	bbl.	.70 - .82
Whittier	bbl.	.75 - .96
Wilmington	bbl.	.75 - 1.21
Canada:—		
Oil Springs	bbl.	1.97 - —
Petrolia	bbl.	1.90 - —
Central West:—		
Illinois	bbl.	.53 - 1.05
Lima	bbl.	.90 - —
Western Michigan	bbl.	.85 - —
Princeton	bbl.	1.05 - —
East Texas	bbl.	1.10 - —
Gulf Coast:—		
Barber's Hill	bbl.	.79 - 1.10
Batson	bbl.	.74 - 1.04
Dayton	bbl.	.95 - 1.4'
Esperson	bbl.	.79 - 1.10
Goose Creek	bbl.	.86 - 1.28
Hull	bbl	.74 - 1.0[illegible]
Humble	bbl.	.86 - 1.16
Liberty	bbl.	.79 - 1.10
Markham	bbl.	.86 - 1.29
Orange	bbl.	.79 - 1.10
Pettus	bbl	1.20 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.91 - 1.23
Saratoga	bbl	.74 - 1.0[illegible]
Sour Lake	bbl.	.86 - 1.16
Spindle Top	bbl.	.74 - 1.04
Sugarland	bbl.	.86 - 1.28
West Columbia	bbl.	.79 - 1.28
Kentucky, Tennessee:—		
Big Sandy River	bbl.	1.02 - —
Kentucky River	bbl.	1.02 - —
Western Kentucky (Owensboro)	bbl.	1.10 - -
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.73 - 1.05
Caddo	bbl.	.96 - 1.00
Cameron Meadows	bbl.	1.13 - —
Choctaw	bbl.	.74 - 1.20
Cotton Valley	bbl.	.73 - 1.05
Darrow	bbl.	.74 - 1.20
De Sota	bbl.	.73 - 1.05
El Dorado	bbl.	.73 - 1.05
Haynesville	bbl.	.73 - 1.05
Homer	bbl.	.73 - 1.05
Iowa	bbl.	.74 - 1.13
Lockport	bbl.	.74 - 1.13
Magnolia	bbl.	.73 - 1.05
Miller County	bbl.	.73 - 1.05
Pine Island	bbl.	.73 - 1.05
Rainbow	bbl.	.73 - 1.05
Rodessa	bbl.	.73 - 1.05
Smackover	bbl.	.73 - —
Topetate	bbl.	1.03 - —
Urania	bbl.	.89 - —
Mexico, f.o.b. terminals Mexican port—based on contract:—		
Panuco	bbl.	No prices
Tuxpan	bbl.	No prices
Midcontinent:—		
North Texas	bbl.	.51 - 1.10
Oklahoma-Kansas	bbl.	.58 - 1.10
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.25 - —
Corning	bbl.	1.02 - —
Pennsylvania grade, in Buckeye lines.	bbl.	1.55 - —
Eureka lines.	bbl.	1.84 - —
N. Y. Transit lines.	bbl.	2.25 - —
S. W. Penn. lines.	bbl.	1.90 - —
lower district in National Transit lines.	bbl.	2.13 - 2.25
Rocky Mountain:—		
Big Muddy	bbl.	.93 - —
Canon City-Florence	bbl.	.90 - —
Cat Creek	bbl.	1.10 - —
Dutton Creek	bbl.	.86 - 1.10
Elk Basin	bbl.	.90 - —
Fort Collins-Wellington.	bbl.	.81 - 1.05
Frannie, light	bbl.	.55 - —
Grass Creek, light	bbl.	.90 - —
Iles	bbl.	.92 - .96
Lance Creek	bbl.	.77 - —
Lander	bbl.	.51¼- —
Midway	bbl.	.86 - 1.10
Rock Creek	bbl.	1.00 - —
Salt Creek	bbl.	.86 - 1.10
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.36 - —
South Central and Southwestern Texas:—		
Cass County	bbl.	.73 - 1.05
Cleveland-Liberty	bbl.	1.14 - —
Conroe	bbl.	1.27 - —
Darst Creek	bbl.	.96 - —
Hardin-Liberty	bbl.	1.00 - 1.01
Luling	bbl.	.87 - —
Lytton Springs	bbl.	.90 -
Mirando, (incl. Duval)	bbl.	.86 - 1.28
Panola County	bbl.	.73 - 1.05
Salt Flat	bbl.	.96 - —
Tomball	bbl.	.95 - 1.41
Van	bbl.	.93 - —
West Beaumont	bbl.	.86 - 1.28
Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.67 - .91
Gray County	bbl.	.73 - .96
West Texas:—		
Artesia, N. M.	bbl.	.61 - .88
Crane	bbl.	.53 - .95
Crockett	bbl.	.53 - .95
Ector	bbl.	.53 - .95
Eddy (N. M.)	bbl.	.77 - —
Howard	bbl.	.53 - .95
Jackson, N. M.	bbl.	.61 - .88
Lea, N. M.	bbl.	.53 - .95
Maljamar, N. M.	bbl.	.61 - .88
Mitchell	bbl.	.63 - .98
Pecos	bbl.	.65 - .87
Upton	bbl.	.53 - .95
Winkler	bbl.	.53 - .95
Ether, 30-60° dms., c.l., G.3.	gal.	.14½- —
l.c.l., G.3.	gal.	.25½- —
tanks, G.3.	gal.	.13½- —
35-60°, dms., l.c.l., G.3.	gal.	.30½- —
40-75°, dms., c.l., G.3.	gal.	.14½- —
l.c.l., G.3.	gal.	.25½- —
tanks, G.3.	gal.	.13½- —
laboratory grade, dms., c.l., G.3.	gal.	.14½- —
c.l., G.3.	gal.	.25½- —
10-gal. lots, G.3.	gal.	.50½- —
lacquer, diluent, at refinery:—		
California, 100 l.b.p., 300 e.p., tanks, delvd. Los Angeles.	gal.	.11 - —
San Francisco.	gal.	.11¼- —
f.o.b. Richmond.	gal.	.11 - —
Willibridge, Ore., Pt. Wells, Wash.	gal	19 -
East Coast, tanks.	gal.	.09½- —
Group 3, tanks.	gal.	.07⅝- .08
Naphtha, cleaners', at refinery:—		
East Coast, tanks.	gal.	.10¼- —
Group 3, tanks.	gal.	.06⅝- .07
tankwagon, Boston, ex tax.	gal.	.13½- —
Bridgeport	gal.	.13½
Chicago, inc. 4c. tax.	gal.	.18 - —



A Bulk Plant... A Tank Truck...
A Rushed Tank Car... and

SKELLY SAVES THE DAY!

(A Letter from a Skellysolve Technical Field Man to his Chief)

THERE are many users of industrial naphthas who perhaps have never had occasion to call upon their supplier for any such extraordinary accommodation as the one related in this letter. But sooner or later, to every user, comes a time when *ability to deliver in an emergency* assumes first importance. This is the type of service for which Skelly has become famous. However, Skelly's fame does not stop there! The field of special hydrocarbons has no truer symbol of *quality* than the name of Skellysolve. We don't mind, though, if you just take that part for granted. But we want you to know you really can depend on Skelly coming through when special unusual services are required. Whether it's a technical problem on which you can use the counsel of a solvents expert, a formula you need changed, or a new one developed —or whether it's a question of special delivery in an emergency, Skelly is right there ready to serve you! Sooner or later, we're sure you too will find Skelly saves you money!

Dr. A. Ernest MacGee, Manager
Solvents Division
Skelly Oil Company
Chicago, Illinois

Dear Doc;

I just came from the [redacted] Company here, who gave me this interesting report;

Early last month they phoned us a rush order for a tankcar of Skellysolve-B. They had suddenly discovered their supply was going to be exhausted in less than 18 hours. We phoned the refinery and arranged to have a car shipped to them that very morning. Meanwhile, to keep them from running out of solvent before the tankcar could arrive, we rushed them a tank truck of Skellysolve-B from our Chicago bulk plant.

They told me that this unusual emergency service really saved the day for them. It prevented a shutdown whioh at that time would have been very costly and embarrassing. They send you their thanks and kindest regards.

Sincerely,

Syd

SKELLYSOLVE in the OIL, PAINT and DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for every industrial use. We furnish a complete line of V.M.&P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons with properties to fit every plant or laboratory process. Our technical staff has aided many manufacturers by helping them develop formulas for new or improved products which have proved of value.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, Manager

WIRE OR WRITE TODAY FOR INFORMATION OR PRICES

Petroleum, naphtha, cleaners, tankwagon:—
Decatur, inc. 4c. tax..gal. .1910- —
Des Moines, inc. 4c. tax. gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax, gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal .10½- —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals.....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .15 - —
2, over 90% arom., same basis..gal. .16 - —
8, tanks, f.o.b. Paulsboro, N.J..gal. .13 - —
30, same basis.....gal. .14½- —
40, same basis.....gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .13 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd., Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06¾- .07
tankwagon, Boston, ex tax. gal. .14½- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc., 4c. tax..gal. .1910- —
Evansville, Ind., ex tax. gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1570- —
solvent, rubber, at refinery, East Coast, tanks..gal. .09½- —
Group 2 light, 120 i.b.p., 250 e.p., tanks..gal. .06¾- .07
standard, 180 i.b.p., 288 e.p., tanks..gal. .06¾- .07
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .09 - —
Group 3, tanks.....gal. .06¾- .06½
tankwagon, Boston, ex tax.. gal. .14 - —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, inc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gall .09½- —
Omaha .....gal. .1360- .14½
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11½
thinners, at refinery:—
California, 34, 235 i.b.p., 390 e.p., low aviilin, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash ...gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore..gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09 - —
47-49, tanks.....gal. .10½- —
New Jersey, tanks.....gal. .09 - —
Group 3, tanks.....gal. .05¾- .06
tankwagon, tax included:—
Albany .....gal. .13½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N. J..gal. .13½- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670 - —
Decatur .....gal. .1810 - —
Des Moines.....gal. .1790 - —
Evansville, Ind.....gal. .1420 - .1520
Milwaukee .....gal. .1930 - —
Minneapolis-St. Paul...gal. .19½- —
Newark .....gal. .09½- —
New York (200 gals.)..gal. .09½- —
Omaha .....gal. .1360- .1460
Philadelphia .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470 - —
Syracuse .....gal. .13 - —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13 - —
l.c.l., same basis.....lb. .13¾- —
under 1,000 lbs.....lb. .14¾- —
tanks, works.....lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb.14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 78% min., bulk, mines..long ton. 4.35 - —
Phosphate rock, Fla., land pebble, 68% min., bulk, mines, long ton. 1.90 - —
land pebble, 70% min., bulk, mines..long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .25 - .28
Oxychloride, cyls.....lb. .18 - .18
Pentoxide, dms., c.l., works, lb. .11 - .13
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons. lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .20 - .25
Pilocarpine hydrochloride, bots., vis..oz. 4.00 - 4.25
Nitrate, bots., vis.....oz. 3.90 - 4.15
Pimento, bgs.....lb. .11½- .12
Pinkroot, bls.....lb. .36 - .37
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Pitch, hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. .....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .53 - .54
Root bark, bgs.....lb. .49 - .50
Poppy flowers, red, bls.....lb. 1.00 - 1.15
Seed, Dutch, bgs.....lb. .21 - .22
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 500 lbs..lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 8 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .08 - —
l.c.l., dms.....lb. .08¼- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .09½ Nom.
gran., kgs. .....lb. .12 Nom.
powd., kgs. .....lb. .08½ Nom.
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 41% gold, bots., works..oz.14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots .....lb. 1.10 - —
50-lb. lots, cbys. or cns. lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns.. 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.35 - —
bots., or cns.....lb. 1.44 - 1.70
dms. .....lb. 1.35 - 1.38
Kainit, 20% K_2O, bulk, c.l.f. ports..ton.14.50 - —
bgs. .....ton.16.50 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports.....unit-ton. .58½- —
import, 30% K_2O, bulk, shipt. ton.17.55 - —
bgs. .....ton.19.55 - —
Metabisulphite, kgs.....lb. .18 Nom.
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports...ton.26.75 - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .45
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs...lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.40.00 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt., ton.24.75 - —
Potash-titanium oxalate, kgs..lb. .35 - .40
Prickly ash bark, bls.....lb. .19 - .20
Berries, bgs. .....lb. .40 - .45
Prince's pine herb, bls..... lb. .15 - .17
Propane, tanks, Group 3....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .28 - .30
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, obls., 3 or over, works..lb. .03½- —
less than 3, works....lb. .04½- —
F and 1, bbls., 3 or over, works..lb. .04 - —
less than 3, works....lb. .04½- —
O, O-½, O-¾, and ½ bbls., less than ¾, works....lb. .04¼- —
3 or over, works....lb. .04½- —
Ital.-grd., ogs., c.l., shipt. ex dock, N. Y...ton.39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton.44.00 Nom.
1,000-10,000 lbs., ex whse..ton.46.00 Nom.
2 bgs., to 1,000 lbs., ex whse, ton.48.00 Nom.
single bgs., ex whse.ton.60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms. .....100 lbs. 5.00 - —
standard, dms. .....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
basis (80 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or nrs standard brand, odorless .....gal.10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb. .35 - .37
Pyridin, denaturing, dms....gal. 1.63 - —
refd., 2°, dms.....lb. .50 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines..ton. 9.00 - —
325 mesh, same basis....ton.12.00 - —
No. 3, 200 mesh c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton.10.50 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works..lb. .03¾- —
tanks, works .....lb. .03¼- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04¾- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N.Y..flasks.140.00 -142.00
European, flasks, (76 lbs. net) in bond..flasks.105.00 Nom.
Quince seed, bgs.....lb. .90 - 1.10
Quinidine, cryst., small, cns...oz. .90 - —
large, cns.....oz. .98 - —
powd., precip., cns.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Subject to surcharge of 4c. per oz.; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .92 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 - —
Hydrochlorosulphate, cns....oz. .75 - —
Hydriodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .78 - —
Sulphate, USP, X, cns.....oz. .54 - —
USP, XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .98 - —
Valerate, cns.....oz. .93 - —
Quinine buyers must pay a surcharge of 4c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .75 - —
Subject to surcharge of 4c. per oz.; see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .08 - .08½
red, bgs. .....lb. .08 - .08½
Japanese, bgs.....lb. .06¾- .07
Raspberries, dried, bls.....lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.20
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1½c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago

Petroleum Naphtha—Rue

Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
kgs., ton lots, same basis, lb. 1.05 - —
smaller lots, same basis, lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
Selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs. lb. 5.00 - —
dms., 500-lb. lots.....lb. 4.85 - —
100-lb. lots .....lb. 4.95 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .28
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.41 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08¼- —
l.c.l., works .....lb. .09¼- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.....lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.70 - 2.79
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 2.66 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .15 - .16
Rhodinol, bots.....lb. 5.35 -10.90
Rhubarb, root, cs.....lb. .50 - .51
powd., bbls., kgs.....lb. .55 - .60
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .20¾- —
smaller lots.....lb. .21¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .19¾- —
smaller lots.....lb. .20¼- —
Rose flowers, pals, bls.....lb. .60 - .75
red, bls.....lb. 3.50 - 3.55
Rosemary, flowers, bls.....lb. .30 - .45
leaves, bls.....lb. .07 - .12
Rosin, gum., bbls., ex dock, 280 lbs. 5.25 - —
D, bbls.....280 lbs. 5.35 - —
E, bbls.....280 lbs. 6.25 - —
F, bbls.....280 lbs. 6.45 - —
G, bbls.....280 lbs. 6.75 - —
H, bbls.....280 lbs. 6.85 - —
I, bbls.....280 lbs. 7.05 - —
K, bbls.....280 lbs. 7.05 - —
M, bbls.....280 lbs. 7.05 - —
N, bbls.....280 lbs. 7.10 - —
W. G., bbls.....280 lbs. 7.25 - —
W. W., bbls.....280 lbs. 7.60 - —
X, bbls.....280 lbs. 7.60 - —
Rosin, wood, bbls.....280 lbs. 4.35 - 6.00
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
import, lump, bbls.....lb. .14 Nom.
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .30 - .35

Sabadilla Seed—Sulphur

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .45 - .46
Saffron, Mexican, bls.....lb. .42 - .43
Spanish, tins.....lb. 50.00 -52.00
Sage, Dalmatian, stemless.....lb. .10½- .11
garden, bls.....lb. .13 - .14
Safrol, cns.....lb. .42 - .77
dms.....lb. .70 - .75
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib, dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton. 13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton. 15.00 -15.60
vacuum, common, fine, bgs., c.l. dlvd., N.Y..ton. 15.30 - —
l.c.l., dlvd., N.Y.....ton. 16.60 -19.70
Saltcake, grd., dom., bbls., works, ton. 19.00 Nom.
bulk, works.....ton. 15.00 Nom.
import, bulk, c.i.f.....ton. 15.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo. 124.00 -155.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls. lb. .40 - .41
Mexican, bls.....lb. .19 - .20
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .18 - .20
Savory, bbls.....lb. .15 - .16
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .16¼ - —
smaller lots.....lb. .16¾ - —
kegs, 5,000 lbs., 1 shipm't..lb. .16¾ - —
smaller lots.....lb. .17¼ - —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, bls.....lb. .85 - .86
Senna leaves, Alexandria, bls..lb. No prices
siftings, bls.....lb. .13 - .15
Tinnevelly, No. 1, bls.....lb. .13 - .14
2 bls.....lb. .11 - .12
3 bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .13 - .14
Pods, bls.....lb. .10 - .13
Serpentaria root, bls.....lb. .76 - .77
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .24 Nom.
dlvd. Boston.....lb. .24½ Nom.
Chicago.....lb. .24¾ Nom.
Pacific Coast.....lb. .27 Nom.
refd., bbls., f.o.b., N.Y.....lb. .30 Nom.
dlvd. Boston.....lb. .30½ Nom.
Chicago.....lb. .30¾ Nom.
Pacific Coast.....lb. .33 Nom.
Garnet, bgs.....lb. .16 Nom.
Orange, D.C., VSO., Diamond I, cases..lb. .25 Nom.
Superfine, bgs., f.o.b. Bost., N. Y..lb. .17 Nom.
dlvd. Chicago.....lb. .17½ Nom.
Pacific Coast.....lb. .20 Nom.
T.N., bgs., f.o.b. Bost., N. Y., lb. .16 Nom.
dlvd., Chicago.....lb. .16½ Nom.
Pacific Coast.....lb. .19 Nom.
Varnish, Metro., area, orange, 5-lb. cut., bbls..gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....lb. 1.05 - 1.10
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton. 17.00 - —
l.c.l., 2½ tons, works.ton. 19.00 - —
smaller lots, works.ton. 20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton. 19.00 - —
l.c.l., 2½ tons, works.ton. 21.00 - —
smaller lots, works.ton. 23.00 - —
400 mesh, bgs., c.l., works, ton. 35.00 - —
l.c.l., 2½ tons, works.ton. 36.50 - —
smaller lots, works.ton. 38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton. 20.00 - —
l.c.l., 2½ tons, works.ton. 21.50 - —
smaller lots, works.ton. 23.00 - —
99%, 325 mesh bgs., c.l., works..ton. 22.00 - —
bgs., l.c.l., 2½ tons, works, ton. 25.50 - —
smaller lots.....ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton. 11.00 - —
l.c.l., works.....ton. 16.00 - —
Silver bullion.....oz. .34¾- —
Govt., purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
600 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .27 - —
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .33 - .45
Skatol, bots.....lb. 75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 10.00 -15.00
Sloe berries, bgs.....lb. .12 - .13
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .22 - .23
crushed, bls., bbls.....lb. .26 - .27
cut, bls., bbls.....lb. .40 Nom.
powd., bbls.....lb. .32 - .33
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls.....lb. .15 - .15½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —

Soda arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.38 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
sulf., c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l.....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works. lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
6 cks, or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls.....lb. .11¼ .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 2.30 - 2.55
l.c.l. works.....100 lbs. 2.50 - 2.60
solution, 25 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., obls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bbls., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 2.55 - 4.90
2.....100 lbs. 2.70 - 5.05
3.....100 lbs. 2.95 - 5.30
4.....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
76%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works, 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2.....100 lbs. 3.30 - —
3.....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¼- —
lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .08¾- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23¼
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .26 - —

Soda, citrate, USP, XI, powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26¾- —
cns., 25-lb. lots.....lb. .29¼- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 96%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz. 15.85 -17.10
Diacetate, 99-99% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20¼- 23
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 -
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.20 -
bbls., same basis..100 lbs. 2.45 -
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
pea bags, c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works..100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.50
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks. 100 lbs. 3.70 - 3.90
bbls., wks.....100 lbs. 3.90 - 4.10
dms., wks.....100 lbs. 4.20 - 4.40
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.30 - —
bots.....lb. 2.41 - 2.67
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.30
Metaniate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works.....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - -
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment, ton. 20.00 - —
200-lb. bgs., same basis.ton. 23.50 -
bulk, same basis.....ton. 27.00 -
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 -
smaller lots.....100 lbs. 2.90 -
powd., bbls., ton lots.100 lbs. 5.65 -
smaller lots.....100 lbs. 5.90 -
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized.lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l.....lb. .06¼- .11½
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst. tecn. ogs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 -
tribasic, bgs., c.l., works...lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works...100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
kgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 -
dried, bbls., dms., works.lb. .11¾- .14
Pieramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts.....lb. .09 - —
smaller lots.....lb. 10¾- —
contracts.....lb. .09¼- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .13 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works.....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works.....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .04¼ Nom.
import, bbls.....lb. .05½- Nom.
Stannate, dms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24

Soda, sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 6.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld., gal. .26 - —
W. Coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l.....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .14½- —
l.c.l., works.....lb. .14½- —
Sparteine sulphate, cns.....oz. 1.50 - 1.60
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .26 - .27
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .20 - .21
white, bls.....lb. .12 - .13
powd., bbls., bxs.....lb. .17 - .20
St. Ignatius beans, bgs.....lb. .49 - .51
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .08½- .09
Starch, com., pearl, bgs., f.o.b., Chicago..100 lbs. 2.45 - —
dlvd., N. Y.....100 lbs. 2.80 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 2.55 - —
dlvd., N. Y.....100 lbs. 2.90 - —
Potato, dom., bgs.....lb. .06 Nom.
import, bgs.....lb. .06 Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick, boil, bgs.....lb. .05¼ Nom.
Starch, iodide, bots.....lb. 1.87 - —
Staveacre seed, bgs.....lb. .25 - .30
Stearin, oleo, bbls.....lb. .08¼- .08½
Stillingia root, bls.....lb. .07¼- .08
Stoneroot, bls.....lb. .07¼- .08
Storax, cs.....lb. .70 - .75
Stramonium leaves, bls.....lb. .17 - .18
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .24 Nom.
Chloride, bbls.....lb. .18 Nom.
Iodide, bots., 5 lbs.....lb. 3.00 - —
jars, 25 lbs.....lb. 3.06 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs. lb. 3.40 - 3.50
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
powd., cns., 100-oz. lots...oz. .50 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots, oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .16 - —
l.c.l., 10 or over.....lb. .17 - —
less than 10.....lb. .18 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery. lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton. 16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton. 17.50 - —
ex vessels, Atlantic seaboard, contract..long ton. 20.50 - —
Puget Sound, Columbia River, and British Columbia ports, bulk, contract..long ton. 22.00 - —
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works...100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs, works...100 lbs. 1.95 - 1.95
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works.....100 lbs. 2.80 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l. works.100 lbs. 2.53 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works—100 lbs. 2.03 - —
bbls., works....100 lbs. 3.00 - —

Sulphur, refined, light, l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls.. works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works..100 lbs. 2.50 - 2.90
roll, bgs., c.l.,.....100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99½%, c.l. frt., alld..100 lbs. 2.00 - —
bbls., same basis c.l. 100 lbs. 2.85 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.90 - 4.05
Precipitated,USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton.83.00 - —
leaf, bls., f.a.s.....ton.90.00 - —
Extract, 42°, bbls.....lb. .06 - —
51°, bbls.....lb. .07 - —
stainless, bbls.....lb. .07½- .09½
berries, bgs.....lb. .05½- .06
Sunflower seed, Calif., large, bgs., lb. .06½- .07
medium, bgs. .....lb. .06 - .06½
poultry, bgs.....lb. .04¼- .04½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 326 mesh, bgs., c.l., mills, ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
N.Y., 96-98%, 325 c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. No price
ordinary, bgs., c.l., ex dock, arrival..ton. No price
l.c.l., ex whse.....ton. No price
Italian, 1, bgs., ex dock, arrival, ton.67.00 Nom.
ex whse.....ton.87.00 Nom.
2, bgs., ex dock, arrival.ton.64.00 Nom.
Tallow, animal, edible.....lb. .06¾ Nom.
extra, loose.....lb. .06 Nom.
special, loose.....lb. .05½ Nom.
vegetable, ship, cs.....lb. No prices.
sulphonated, 35% (24% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
50% (43% fat), dms., c.l., lb. No prices
l.c.l. .....lb. No prices
50% (48% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Tamarind, W. I., bbls.....lb. .12 - .13
kegs .....keg. 8.50 - 9.00
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 3.75 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Oct. shipt., unit-ton. 4.00 & .10
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, bgs.....lb. .04½ Nom.
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .28 - —
ports .....gal. .27 - —
l.c.l. .....gal. .28 - —
tanks, dlvd. E. cities....gal. .22 - —
Tarragon herb, bgs.....lb. .60 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
powd., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
USP, powd., bbls.....lb. .40 Nom.
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .80
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms. .....lb. .25 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- — tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 Nom.
Sodiosalicylate, cns.....lb. 1.85 - —
dms. .....lb. 1.70 - —
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .20 - .22
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. No prices
Crystals, bbls., kgs.....lb. No prices
Metals, Straits.....lb. .55 - —
Oxide, bbls. .....lb. No prices
Tetrachloride, anhyd., bbls.lb. .27 - —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13½- —
50-999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs., E. frt. pd..lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse....lb. .14 - —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16½- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd ..lb. .16¾- —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd..lb. .16½- —
Pac. Cst., ex whse..lb. .16½- —
1,000-9,999 lbs., E. frt. pd..lb. .16¾- —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse...lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .50 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- — tanks, E. of Omaha, frt. alld. gal. .28¼- —
Tonga vine, ..F, bls.....lb. .55 - .60
root, bls.....lb. .57 - .62
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms.. l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08¼- —
Zone 2, dms., c.l., works, frt. alld..lb. .08¼- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09¼- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ga., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36¼
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs...lb. .09½ Nom.
Madras, bgs.....lb. .11 Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .32½- —
l.c.l., 10 ex dock.....gal. .34½- —
5 ex dock.....gal. .36½- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .25 - .27
tanks, dlvd. E. cities....gal. .21 - —
steam-dist., dms., c.l., dlvd.gal. .29 - —
l.c.l., dlvd.....gal. .32 - —
tanks, dlvd.....gal. .24 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N_2, bulk, Nov. shipt., f.o.b. Belle, W. Va..ton.51.40 - —
imported, 40% N_2, bgs., Nov. shipt..ton.55.25 - —
30% N_2, bgs., Nov. shipt. ton.41.85 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .30 - .32
Valonia, beards, bgs., f.a.s..ton.54.00 Nom.
Cups, bgs., shipt., f.a.s...ton. 33.00 -37.00
extract, powdered, 63%.....ton. .0565 Nom.
Vanilla beans, Bourbon, tins..lb. 6.50 - 7.00
Mexican, tins.....lb. 6.50 - 7.00
cuts, tins.....lb. 6.00 - 6.25
South American, tins.....lb. 6.00 - 6.25
oleoresin, bots.....lb.18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .70 - .75
Verdigris, bbls., kgs.....lb. .22 - .35
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha v.m.p.).

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.34.50 -40.00
Extract, solid, bgs.....lb. .04¼- —
Wax, bayberry, import, bgs...lb. .38 - .39
Bees, white, bleach, slabs, cs., 5 case lots..lb. .38 - —
1 cs., lots.....lb. .38½- —
cakes, 5 cs., lots.....lb. .39 - —
1 cs., lots.....lb. .39½- —
discs, 5 cs., lots.....lb. .40 - —
1 cs., lots.....lb. .40½- —
yellow, crude, Africa, bgs., lots of 10..lb. .30 Nom.
1 bg.....lb. .30½ Nom.
Brazil, bgs., 5-10-ton lots. lb. .33 Nom.
1 ton.....lb. .33½ Nom.
500 lbs.....lb. .34 Nom.
100 lbs.....lb. .34½ Nom.
refd., slabs, cs., lbs.....lb. .31 - .36
Candelilla, bgs., 1 ton.....lb. .18 - .19
jobbing lots.....lb. .18½- .19½
Carnauba, No. 3 chalky, bgs., bgs., 1 ton..lb. .43 Nom.
5 bgs.....lb. .43½ Nom.
1 bg.....lb. .44 Nom.
N. C., 2, bgs.....lb. No prices
N. C., 3, bgs., 1 ton.....lb. .44 Nom.
5 bgs.....lb. .44½ Nom.
1 bg.....lb. .45 Nom.
refined, bgs.....lb. .48 - .50
yellow, No. 1 bgs., 1 ton..lb. No prices
5 bgs.....lb. No prices
1 bg.....lb. No prices
No. 2, bgs.....lb. No prices
Ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .09 - —
jobbing lots.....lb. .10 - —
150°-160° m.p., bgs., 1 ton..lb. .10½- —
jobbing lots.....lb. .11½- —
160° m.p., bgs., 1 ton.....lb. .11½- —
jobbing lots.....lb. .12½- —
Japan, cs.....lb. .17½ Nom.
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., 5-lb. bots..lb. 2.59 - —
dms., 50 lbs. or more....lb. 2.46 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.85 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90%, 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c.l., works, ton.12.50
extra, bgs., l.c.l., 8-20 tons works..ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works....ton.15.50 - —

Sulphur—Zinc Acetate

Whiting, putty grade, bgs. (extra) c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 ton, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .09 - .10
rossed, green, bls.....lb. .07 - .08
Wild Indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.23.00 Nom.
80 mesh, bgs., ex dock....ton.25.50 Nom.
100 mesh, bgs., ex dock...ton.28.50 Nom.
120 mesh, bgs., ex dock...ton.31.00 Nom.
Wormseed, American, bgs.....lb. .09 - .10
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .15 - .16

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
dms., W. Coast, f.o.b. Minnequa, Colo..gal. .36 - —
nitration, dms., works.....gal. .43 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .33 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .32 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.33 - 1.36
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. E. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½ -
open order .....lb. .15½-
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N. C., S. C. Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 5c Cedar Rapids, Des Moines, Kansas City Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.27 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .02½- —
yellow, A, bbls., works...lb. .02½- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .01½- —
E, bbls., works.....lb. .01¼- —
F, bbls., works.....lb. .01¼- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .03½- —
Philadelphia for import..lb. .02¾- —
ex dock, San Pedro, San Francisco..lb. .0230- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02975- —
New York .....lb. .03½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle...lb. .02½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis .....lb. .02¾- —
New York.....lb. .03¾- —
l.c.l., ex whse., Pittsburgh, lb. .03¼- —
Portland, Seattle.....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 -
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .11 - .13
Yohimbine hydrochloride, via..oz. 4.00 - 4.25

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs. 100 lbs.....lb. .29 - —

—Continued on page 51

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Recognition for Management

Of the three elements of business—ownership, management, and employees—management is the most important. On it rests the responsibility of making both capital and labor function efficiently and with mutual satisfaction. On it must be laid the blame for such dissatisfaction as may exist in the realms of finance with business investment, and management must assume the blame for the dissatisfaction of labor, out of which unsatisfactory and worse labor conditions are created by opportunists.

Business has no greater need than that for capable management—and in large degree it has no greater lack. Financial sufficiency will not avail without proper managerial direction. Technical ability is of little value unless effectively applied to its purpose by managerial understanding and process. The energy of capital and the energy of labor must be coordinated and put to work—by management.

Technical achievement and inventive genius have been recognized and rewarded for their contributions to human progress with numerous awards. Science, pure and applied, has too its many medals. This recognition is commendably purposed and meritoriously extended. Its value lies more in the understanding which it represents than in the stimulation which it provides. In both it is high and sound.

Technology is basic in business progress. Sociology is fundamental in all advancement. And management, when it is truly efficient, comprises a larger comprehension of social values than of technical processes and data. Management, therefore, deserves recognition as a primary factor of human progress. It is encouraging to the appreciation of the development of understanding to learn that The Franklin Institute has been enabled to award a medal in stimulation, encouragement, and recognition of outstanding contributions in the field of industrial management.

The founder of this award, the Vermilye Medal, is a banker. But, his recognition of the value and the importance of management in business has come in large part from his own experience in the development in business has come in larger part manufacturing. The medal, therefore, is broadly significant in the annals of human progress.

Cost and Efficiency

The conference on production practices scheduled by the American Management Association in its general topic of the relation of unit costs to efficiency digs up anew the perennial bone of contention between sales departments and production departments, both of which want the credit for the efficiency of an enterprise; neither of which is willing to assume the blame for any falling short. The sales department tells the production department:—"Make the article cheaper, and we'll sell more." The production department retaliates with:—"You sell as much as we can make, and the cost will be cut."

Production cost is but one factor of efficiency, and very often it is much overemphasized. It has a direct relationship to sales in most industries; but, this relationship is reciprocal, and the effect of sales on cost of production is greatly influenced by the more important cost of selling.

Discussion of production problems lacks no importance because of the fact that production in most lines of industry has been developed far better than selling has. Proper regard for efficiency requires that production and selling be discussed together; because they are inseparable, are useless, one without the other. It might be said that one of the greatest needs of industry is for the creation of better relations between the two in order that essential coordination may be effected. At present, there is a substantial and sometimes a serious rift in many enterprises, because each department feels that it is handicapped by the other.

There is more than a grain of truth in that belief, usually on both sides. Cost may be at fault, sometimes the blame goes to quality, on the production side. Inadequate familiarity with the product and its making, with a consequent lack of faith, frequently makes the sales department responsible. Sales departments are expected to know what the markets want. They cannot, of themselves, know whether it is practicable to produce this at an acceptable price—they sometimes have weird ideas in that respect. Production departments should know costs. They must be told of market desires, and in return must be able and willing to discuss these in terms of cost.

In this respect cost is the important factor in efficiency. This applies not only to production, but also and in no less degree to selling. Production efficiency is only a part of the efficiency of an enterprise. It is not always the greater part. If it were, the development of production being what it is, efficiency as a whole would be far better. It is desirable to seek greater cost efficiency in production. But, the results may be far from satisfactory if selling is not given at least an equal measure of analytical and improving consideration.

—O-P-D—

Taxes Need Real Reform

Because business has become better since Congress a few months ago made some slight changes in the revenue law with respect to corporation taxes, some may be ready to argue that the much-condemned tax burden was the handicap on business that it was alleged to be. Others, figuring on a basis more realistic than the theory of *post hoc propter hoc*, can refute such an argument on several points, not the least vital of which is the still existing lack of investment interest in new ventures.

So, it is with something akin to naivety that some of those who are presenting programs of further tax revision continue to stress the desirability and the necessity of creating further inducements for capital to promote new ventures. It is noteworthy that these new ventures are not specified. It is noteworthy, also, that business leaders, not those who are presenting tax programs, are sounding sincere warnings against credit inflation and will-o'-the-wisp expansions at this time.

Somebody can do a useful and a necessary job of information with respect to the value of new investment ventures by compiling factual data on the proportions of successes and failures among the highly promoted investment opportunities of the preceding decade, bringing out, not only the present status of these ventures, but more particularly the fate of the original investors. Another interesting and informative collection of data would comprise the experience of Great Britain without a capital gains tax. This, of course, would show why British income taxes, before the present war-emergency schedules were applied, were rather heavy.

Some factual data are desirable also on both sides of the proposal that corporations be treated as individuals are in matters of depreciated values and that losses in worthless stocks be deductible. It is difficult to find that the law permits an individual to deduct for the depreciation of his residence or for the wearing out of his clothing; or that he is allowed a loss when he buys a dog that turns out to be worth at most one-tenth of what he paid for it.

Compromises on corporation taxes are not a remedy for the tax ills of the nation. It is not on luxuries alone that the excise taxes impose an unreasonable, inequitable burden. All excise taxes should be repealed, especially those on necessities. And so should all other at-the-top taxes which constitute a hidden addition to the cost of everything. It is well suggested that the income tax base be broadened in order that tax-consciousness may be created where it most is needed. But, it is not honest to propose that more of the tax burden be in part thus shifted to those who already carry the most of it unknowingly. Recognizable taxes should be substituted for hidden taxes; they should not be added to them. And as long as at-the-top taxes, mostly corporation taxes, exist, the consumer, who is the ultimate payer, will be the victim of hidden tax "short-changing."

—O-P-D—

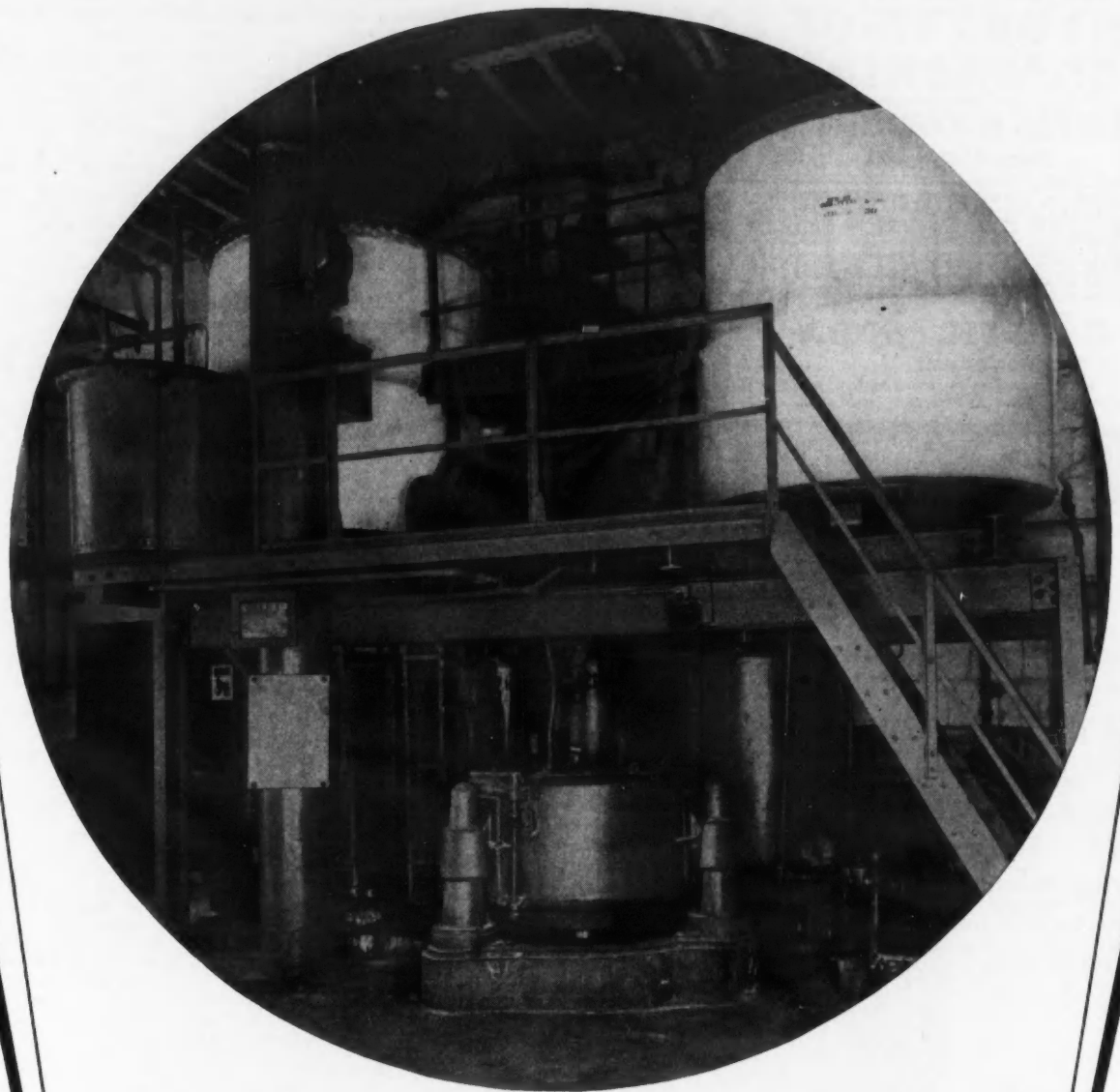
Money for Small Business

The chairman of the Securities and Exchange Commission has revived interest in the matter of financial assistance for small business by a proposal that a private capital banking agency be set up for this purpose. He has asked Congress to further this idea, and he suggests that the government supply a portion of the necessary capital.

Small business needs financial assistance, although the necessity is not so great as some say it is. In these days of popularity of governmental subsidies, it is natural that this need should be translated into terms of governmental help. But, it would be better for all concerned if a purely private agency could be provided.

Private banking may need some congressional action to enable it to make business loans on intangibles, the value of which every banker can know. Business financing, as well as business operating, should be a matter of private enterprise. Otherwise it may become another public burden.

• • • UNIFORMITY — THE ESSENCE OF QUALITY • • •



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Heavy Chemicals

Bleaching Powder, Potash Carbonate and Caustic Prices Renewed —Soda Phosphate Advance General — Cobalt Salts Firmer —Soda Bicarbonate Extended—Copper Acetate Higher

Extension of current prices for bleaching powder, caustic and carbonate of potash, soda bicarbonate, sal soda and monohydrated soda provided the outstanding developments in the heavy chemical market last week. Sellers were booking contracts on this basis for 1940, subject to usual quarterly adjustment clauses. The advance in di and tri soda phosphate was followed by other leading factors. No price change took place in domestic materials, and the trend so far would indicate that producers were endeavoring to maintain prices at the same levels except in cases where increased costs make it imperative to advance quotations.

Demand for industrial chemicals remained active. The chief difficulty was obtaining the necessary supplies to provide for the needs of all consumers. Many items were completely booked against current production schedules, and sellers found it embarrassing to take care of all inquiries. Plant facilities have been stepped up to capacity to supply increased requirements of regular consumers. Early announcement of next year's prices was expected to relieve the strain and uncertainty surrounding many products.

Alums.—Firm prices prevailed in the market for ammonia, potash and alumina sulphate, commercial and iron-free. Shipments moved against contracts at an active pace, and sellers followed a cautious policy in booking all business.

Ammonia, Aqua.—Demand in the market was active, and shipments moved to various consuming channels in good volume. Quotations were firm at the basis recorded previously for carboys, drums and tanks.

Ammoniac, Sal. — Supplies of the white and gray material were scarce. Consumers had difficulty obtaining adequate replacements. Higher prices were uncovered in the resale market, with one sale passing at 6¾c. per pound.

Antimony Oxide.—There were no spot stocks available and quotations were withdrawn until the situation becomes more clarified. Sellers could not offer any material and had difficulty supplying regular contract accounts.

Arsenic.—The market for the red material was strictly nominal; limited supplies were obtainable around 18c. per pound. Demand for the white was steady, and prices were firm.

Barium Salts.—Limited supplies of imported barium hydrate were offered at 6½c. per pound; no change occurred in the domestic quotations. Quotations for the chlorate and nitrate were nominal and unchanged. Firm prices prevailed for the other derivatives.

Bleaching Powder.—Quotations have been extended into 1940, with the schedule listing car-lot drum shipments at $2 to $2.85 per 100 pounds, according to container size, and less car lots were listed $2.25 to $3.35 per 100 pounds.

Blue Vitriol.—The market underwent relatively little change from recent weeks; sellers were well booked ahead on current production. New business and export inquiries were subject to sellers' acceptance. Prices ruled firm.

Calcium Chloride.—Interest in the market showed further signs of broadening, shipments moved to dealers and distributors at a better pace, while municipalities were active in the market also. Prices were without change.

Chlorine.—A good movement against contracts was reported in the market last week. Sellers were booking business in single and multiple unit tanks at the same levels for next year.

Cobalt Salts.—Reflecting an advance in the metal, higher shipping costs and war risk insurance, quotations for the black oxide advanced 19c. to $1.84c. per pound and the sulphate 6c. to the basis of 65c. per pound. Other derivatives were firm but unchanged.

Copper.—Domestic copper sales were spotty. Price was maintained at 12½c. per pound by leading producers and smelters. Export price ranged between 12¾c. and 13c. per pound, with Japanese interest taking moderate tonnage at the higher level.

Copper Salts.—Effective immediately price for copper acetate was advanced 1c. a pound, to the basis of 22c. to 24c. per pound, reflecting the higher copper price. No change occurred in other derivatives, but the market was well sold up and nominal.

Fluorspar.—The market for various grades was very firm and the heavy withdrawals have depleted stocks in the hands of some producers. Imported prices were nominal.

Glauber's Salt.—Firm conditions prevailed in this direction. Sellers were limiting shipments to regular contract accounts as a rule.

Manganese Ore. — Considerable strength was uncovered in the market when bids were submitted on 48 percent minimum ore for treasury opening last week. One bid was 49c. per unit, without duty, but with war risk insurance up to the purchaser. The maximum tonnage stipulated was 200,000. A bid for 10,000 tons of South African ore was made at price equivalent to 50.98c. per unit ton, without duty. However, allowance was made for war risk insurance. Cuban ore was offered at 50c. per unit ton as was Chilean ore. Certain bids on small lots ran higher.

Nickel Salts. — Sellers were well booked ahead on current production, and some discretion was made in taking all new business. Some business was transacted subject to delay. Prices were unchanged and firm.

Potash Carbonate.—Prices for various grades will remain firm into 1940, with sellers accepting contracts at the same levels. The current position of the market was still tight, with most factors sold up for the balance of the year.

Potash, Caustic.—Quotations for the flake, liquid and solid were extended into next year. The works prices were unchanged, however, delivered quotations were no longer equalized with the seaboard as heretofore. Spot stocks were scarce, and sellers were taking care of contract consumers.

Potash Chlorate.—Despite the fact that a few scattered shipments were reported recently, the stocks were still depleted. Prices were strictly nominal, and much higher quotations were recorded in the resale market.

Potash Cyanide.—Very little material was available, and the few scattered offerings were made as high as $1.25 per pound, with some asking up to $1.50 per pound.

Saltcake.—In the absence of any substantial shipments from abroad, stocks of domestic material were not adequate to supply all the demands, and the market was regarded as nominal. One spot sale was reported at $18.50 per ton in bulk at the works.

Soda Ash.—Conditions in the market were more settled last week. Announcement by a leading producer of next year's prices helped to limit the rush buying. Sellers were still restricting business in order to take care of regular consumers. Prices were firm.

Soda Bicarbonate.—Sellers were booking business for various grades at the same levels for next year. Demand re-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arsenic, red, 1¾c. per lb.
Barium hydrate, imp., 1½c. per lb.
Cobalt oxide, black, 19c. per lb.
sulphate, 6c. per lb.
Copper acetate, 1c. per lb.
Soda silicofluoride, imp., ¼c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.4	149.3	148.7	147.2

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.4	149.4	148.7	147.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

mained steady, and export business was comparatively active.

Soda, Caustic. — Shipments against contracts moved at a good pace. The release of next year's prices relieved some of the uncertainty in the market, and transactions were more normal. The market, particularly electrolytic, was in a strong position with supplies none too plentiful.

Soda Cyanide.—Buying was maintained at good levels, and sellers continued the policy of restricting new business to take care of increased needs of contract consumers. Export inquiries were brisk. Prices ruled firm.

Soda Monohydrated. — Sellers were booking contracts for next year at the same basis. Demand remained steady.

Soda Phosphate.—The announcement the previous period of higher prices for di and tri basic was followed by practically all producers last week. A good inquiry was reported at the firmer levels.

Soda Sal.—Current quotations will be carried into next year, with leading sellers booking business for 1940 on this basis. Business was steady.

Soda Silicofluoride.—The market for domestic material was strictly nominal, with sellers well booked ahead against contracts. Some imported material was offered at the nominal quotation of 5½c. per pound.

Tin Salts.—Situation in the market remained about the same. No change occurred in the anhydrous tetrachloride of tin, while the Straits metal remained around 55c. per pound nominal. No quotations were available for tin crystals or stannous chloride of tin. World tin stocks increased 4,393 tons during September, totaling 39,001 long tons at the end of the month, against 34,608 tons at the end of August, and 32,768 tons on September 30, 1938, according to advices received from the International Tin Research and Development Council.

Acids

A firm price tone prevailed in the market for various mineral acids last week. While no specific price changes occurred on the upside, there were no weak spots in the market. The heavier demand noted during the past several weeks has considerably strengthened the position of many materials subject to pressure. Sellers were following a reserved selling policy in many items to protect regular consumers on contracts.

Acetic. — Withdrawals have been heavy during the past several weeks, and the position of the market was more favorable than for some time. Prices were unchanged.

Chromic.—A firm price tone characterized dealings in this direction. A good inquiry prevailed, and consumers made good-size withdrawals against contracts.

Formic. — Shipments to the leather and textile trade provided the market with good support. Prices were without change, and the tone of the market was firm.

Hydrofluoric.—Quotations were well maintained at the levels established recently, and no indication of further easiness was evident. Demand was steady.

Muriatic.—An active interest was displayed from principal consumers, and good-size quantities moved against contracts. Prices ruled firm.

Nitric. — Shipments moved against contracts at a good pace. Inquiry for export remained brisk. Prices were in conformity with those established previously.

Oxalic.—A broad inquiry was prevalent throughout the past week. Sellers were supplying normal requirements in most instances. Prices were unaltered.

Sulphuric.—Withdrawals against contracts were maintained at good levels last week. Sellers were able to supply regular contract consumers normal requirements, but were not disposed to accept all new business or export inquiries that entered the market. No change was disclosed in the prices, and a firm tone characterized the trading.

Baltimore, Oct. 25.—Sulphuric acid shows no change in the quotations on the deliveries made, but they are confined to taking care of business placed for requirements covering the current year. Producers are supplying acid at approximately $12 per ton for 60 degree and at $15 per ton for 66 degree acid. Producers are said to be living up to their commitments in spite of the advancing cost of operation, but they will be obliged, it is maintained, to mark up their figures, bringing them into a fair relation between the outlay and the returns. Oleum is of course, in much the same position, with deliveries still made at approximately $17 per ton for 20 percent material.

—Continued on page 26

Philipp Brothers Observes Twenty-Fifth Anniversary

Philipp Brothers, Inc., manufacturers' agent, importer and exporter of industrial chemicals, metals and ores, having international affiliations, 70 Pine street, this city, recently observed its twenty-fifth anniversary at a luncheon at the Bankers Club. The guest of honor at the luncheon, S. Bendheim, president of the company, was presented with a silver flower vase by the executives and employees, each of whom received from Mr. Bendheim a sterling silver fountain pen.

Other officers of the company are:—Vice-president, George F. Smith; secretary-treasurer, S. Ullmann; and associate director, J. A. Marchant. The chemical end of the business is in charge of Mr. Smith, affiliated with the company since 1918. He is assisted by Frank J. Edwards, who, previous to joining the company in 1934, was for twenty years identified with the Grasselli Chemical Company. The branch offices of the company in the United States are located in Boston and Providence, with the former under the management of Bernard Landers and the latter supervised by B. V. Sullivan.

Dr. J. H. Toulouse, former technical sales engineer for the Owens-Illinois Glass Company, Toledo, has been transferred to the general manufacturing department of the company as chief service engineer.

Hercules Powder Reports Increase in Earnings

Wilmington, Oct. 23, 1939

The Hercules Powder Company reports for the first nine months of 1939 net earnings of $3,646,561, after providing for depreciation and Federal taxes. This is equal, after payment of preferred dividends, to $2.47 a share on an average of 1,316,710 shares of common stock outstanding during the period. Figures for the first nine months of 1938 showed net earnings of $1,965,635, equal, after payment of preferred dividends, to $1.20 a share on an average of 1,316,710 shares outstanding.

Federation Tech Plans Industrial Efficiency Course

The Federation Technical School, a non-profit, cooperative institution sponsored by the only national union of technical men and women, the Federation of Architects, Engineers, Chemists and Technicians, announces the presentation of a special course in industrial efficiency and labor incentive plans. The sessions will be devoted to the following subjects:—Development of modern management and modern production methods; economics of modern production; production organization; determination of work standards; time and motion study; wage incentive plans; working conditions; industrial relations; union contracts. Registration for these courses is open now and will be open until the time the lectures begin on November 29.

Innis-Speiden Extends Bleach Prices to 1940

Innis, Speiden & Co., this city, which, through its Isco Chemical Division located at Niagara Falls, N. Y., is one of the largest producers of chloride of lime (bleaching powder) in this country, reports that it is prepared to take contracts for 1940 on the same price basis that has prevailed this year.

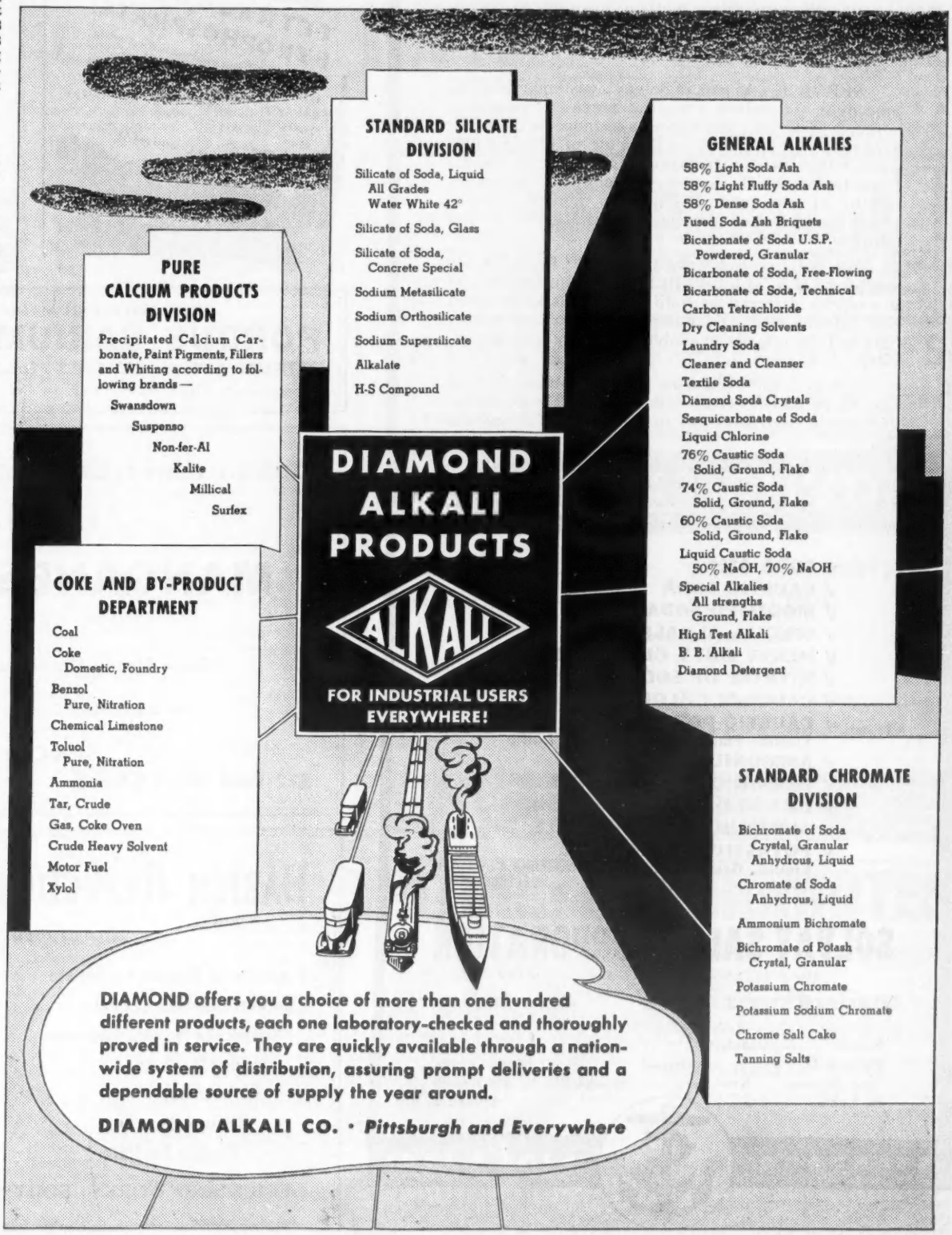
The company offers its "Isco Brand" chloride of lime, 35 to 37 percent available chlorine, in carload lots at the following prices:—

	Per 100 lbs.
In 800-pound drums	$2.00
333-pound drums	2.25
100-pound drums	2.85

In less than carload lots, five packages and more, the prices are 25 cents per 100 pounds above the car-lot schedule; for less than five packages, the prices are 50 cents per 100 pounds above the car-lot schedule.

All prices are f.o.b. Niagara Falls, freight equalized with Wyandotte, Mich., and are subject to the customary three months' adjustment clause. The terms are thirty days net, or less 1 percent for cash in ten days.

In addition to shipping from Niagara Falls, the company maintains stocks in the principal consuming markets at prices based on the works price structure, plus freight and handling expenses.



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STANDARD SINCE 1881

Heavy Chemicals

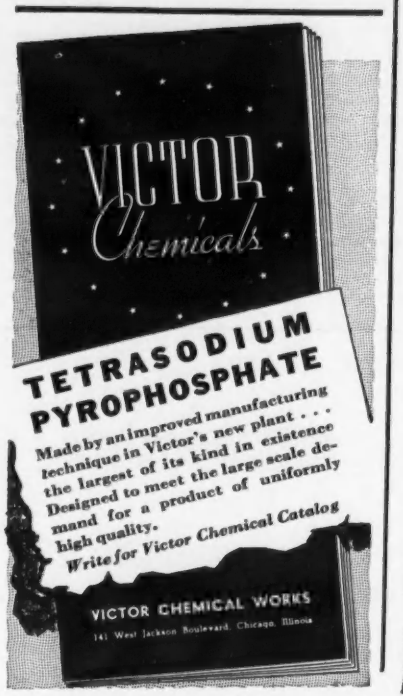
—Continued from page 25

Insecticides

The market was devoid of any new developments throughout the past week. Domestic shipments were rather dull in the East and West, with most of the activity centered in the South and Southwest. A good export inquiry was evident for most materials, particularly from South and Central American countries. Quotations were in line with those established previously, and the tone of the market was firm.

Calcium Arsenate. — The market lacked any new feature of consequence, trading was confined to moderate quantities in the domestic market. Export inquiry was normal. Prices remained unchanged.

Lead Arsenate.—A firmer tone was displayed in the market last week. Shipments, however, were along seasonally dull lines. Prices ruled unchanged.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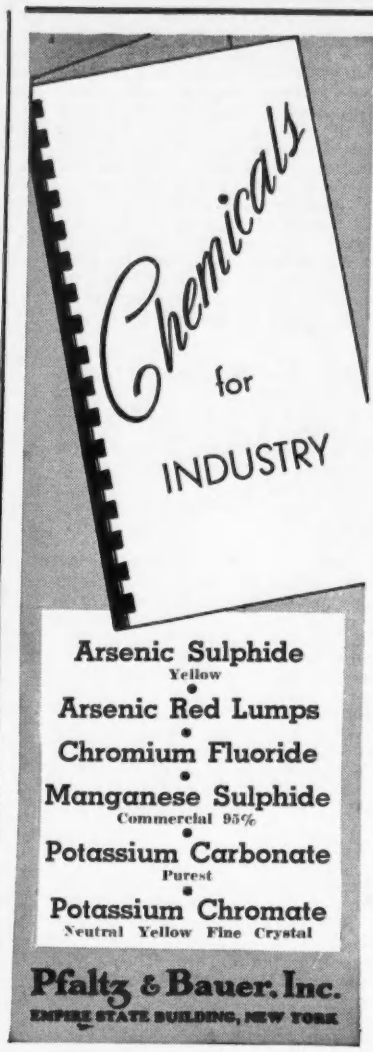

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Dyestuffs, Textile and Leather Chemicals

Corn Sugar, Dextrin and Starch Prices Decline — Archil Scarce —Bichromate Well Sold Ahead—Myrobalans Sharply Higher —Valonia Cups Advance—Gambier Remains Nominal

Dealings in the market for dyestuffs, textile and leather chemicals were spotty last week. Supplies of many materials were limited, and sellers followed a strict policy of limiting offerings to regular consumers and for normal requirements only. Price movements were mixed; corn derivatives scored another decline following the recession in the basic commodity, while tanning materials provided some sharp changes on the upside.

Supplies of archil were practically depleted in the absence of any worthwhile shipments from abroad, and quotations were withdrawn until the situation becomes more clarified. A short crop and heavy demand absorbed most of the available supplies of turmeric and the market was strictly nominal. Gambier was also nominal, with little spot stocks on the market.

The market for bichromates displayed little change from recent weeks. Sellers were well booked ahead against contracts, and very little spot material was offered. Some business passed in the resale market at considerably higher prices. Supplies of red prussiate of potash were still limited.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Myrobalans, J1, $8.25 per ton
J2, $2 per ton
Valonia, cups, $5 per ton

Reduced

Corn sugar, tanners, 10c. per 100 lbs.
Dextrin, corn, 10c. per 100 lbs.
Starch, corn, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.3	148.4	148.1	150.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Shipments against contracts continued to move steadily last week. No change occurred in the quotations and the market was firm.

Antimony Salt.—Sellers had very little material to offer, and the market was a strictly nominal affair.

Chromate Acetate.—No new developments entered the market. Demand was fairly steady, and prices were without change.

Potash Bichromate.—Sellers had little or no material to offer in the spot market, and most of the business represented movement against existing contracts. Prices were firm.

Potash Prussiate. — Supplies of red material were limited, with offering made to regular consumers as a rule. Business in the yellow was steady, and prices ruled firm.

Soda Bichromate.—Firm conditions prevailed in the market. New business was usually turned down, with sellers taking care of regular contracts. Business in the resale market was at firm levels.

Soda Prussiate.—Spot and contract quotations were unchanged, and a firm tone governed the dealings. A good inquiry prevailed, and some fair-size replacement orders were made from time to time.

Sulphonated Oils.—The market for olive, castor and tallow oils was highly unsettled in view of the uncertainty of replacement costs in the raw materials, and sellers were unable to establish any definite prices as yet. Demand was steady.

Zinc Dust.—Shipments moved at a good pace in most directions last week. Pricewise a firm tone characterized the trading.

Dyestuffs

Annatto.—Sellers were adhering to quotations in force previously. Offerings were made to regular consumers, with new business subject to sellers acceptance.

Archil.—Prices were withdrawn for various grades of material, sellers had practically no stocks to offer.

Cochineal. — Quotations were unaltered, but the tone of the market was firm. Demand was fairly steady.

Fustic.—Shipments moved against contracts at a satisfactory pace. Prices were without alteration.

Hypernic.—Shipments were moving at a satisfactory pace during the past week. No change developed in the prices, and the tone of the market was firm.

Logwood.—Usual consumers provided a moderate call during the past week. Prices were unchanged and firm.

Madder Dutch.—The market lacked any new developments last week. Usual consumers entered the market for fair-size quantities.

Bachrach.

Turmeric.—The market was strictly nominal, stocks were depleted and sellers offered only to regular consumers.

Sizing Materials

Albumen, Egg.—No change occurred in the quotations for domestic material, and the tone of the market was steady. Quotations for imported material remained nominal. Demand was slightly better.

Corn Sugar.—Quotations for chipped, slabs and solid material were reduced 10c. per 100 pounds, reflecting the recent easiness in the basic commodity market. Demand was moderate.

Dextrin.—Various grades of corn dextrin were lowered 10c. per 100 pounds to conform with the decline in the commodity market. A better demand was evident at the lower prices. During week ended October 23 visible supplies of corn increased 3,367,000 bushels to 21,510,000 bushels, against 16,728,000 bushels in the same week a year ago.

Egg Yolk.—Consumers entered the market for fair size quantities last week. Prices for domestic and imported were well maintained.

Starch.—Prices were reduced 10c. per 100 pounds following the recession in the corn market. Sellers were booking orders for normal requirements on this basis. Improved interest was reported at the new levels.

Tanning Materials

Gambier.—Supplies of material remained scarce in the market last week. In the absence of any spot stocks, quotations were strictly nominal.

Myrobalans.—Quotations for J1 was advanced to the basis of $30 per ton, while the J2's were quoted at $23 per ton. Shipments were moving against orders fairly steady.

Quebracho.—Interest in the market was maintained at comparatively good levels. No change was disclosed in the prices, and the market was firm.

Sumac.—No change occurred in the market for the ground and leaf material last week. A good inquiry prevailed, and shipments were coming through fairly satisfactorily.

Valonia.—Prices for cups were higher, ranging from $38 to $40 per ton. Quotation for the beards was firm but unchanged. Interest in the market was steady.

Wattle Bark.—The market experienced no new price developments. The tone of the market was firm. Bookings were placed moderately in most instances.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanners Told to Make Future Contracts Binding

Selling far ahead can only be justified when one can determine beyond any reasonable doubt what one's replacement costs are going to be over that period of time, Harold Connett, chairman of the board of the Tanners' Council, declared in an address at the annual meeting of the council, held in Chicago recently.

He warned against the policy which required that orders be filled when the market went up but which were subject to cancellation when prices went down. He cautioned against volume selling, stating that, in order to sell more, prices have to be lowered, and, he added, one frequently finds that the savings and efficiencies created by the greater production are swallowed up by the reduction in sales prices.

In the course of an address on the current world scene, Dr. Peter F. Drucker, international trade consultant and economist, emphasized the changed economic background of the war in comparison with 1914. Most of the forecasts made today, Dr. Drucker pointed out, with regard to the international developments in the imminent and further future assume a repetition of the events of 1914-18 as a matter of course. Actually, however, the present situation, he said, is so radically different from that in the last war, that every attempt to arrive at reliable conclusions for the future by drawing upon the analogy with the World War seems hopelessly futile.

W. O. Jelleme, of the Pacific Mills, New York, in an address on "Control of Inventory," discussed the various methods for establishing total inventories. He urged that control of inventory be centered in some one executive who "must have the best possible tools with which to work."

He supplemented his statement by saying that just as no company can secure a coordinated financial position which does not place its financial responsibility in the hands of one executive, no company can operate with a minimum use of working capital in its inventories without placing that responsibility clearly, setting up the necessary information on which to make decisions and then giving the authority to carry them out.

Officers re-elected were:—

Chairman, Mr. Connett; vice-chairman, Edward H. Pervere, of Howes Brothers, Boston; executive vice-president, H. A. Watson; treasurer, Frank H. Miller, and secretary, J. Lewis Nelson.

Dr. Stine Wins Perkin Medal

—Continued from page 5

Dr. Stine, who is fifty-seven years old, entered the employ of du Pont company soon after being graduated from Johns Hopkins in 1907. He was assigned to the Eastern laboratory, and was in charge of organic chemical research from 1909 to 1916. In 1919 he was appointed assistant director of the chemical department, and became director in 1924. Dr. Stine was elected vice-president in charge of research in 1930. In the same year he became a member of the executive committee and a member of the board. He is serving in all three capacities at present.

Consolidated Products Offers $150,000 for Wilheim Plant

Consolidated Products Company, machinery dealer, this city, submitted a bid of $150,000, the largest of bulk offers at a trustee's auction October 24 of textile printing, dyeing and finishing plant of the William Wilhelm Company, Passaic, N. J.

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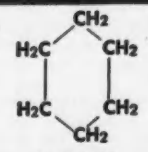


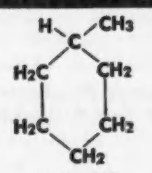
M. W. 84.15
Distillation Range 79.0° C.—82.0° C.

Cyclohexane is produced by the hydrogenation of benzene.

Methyl Cyclohexane is produced by the hydrogenation of toluene.

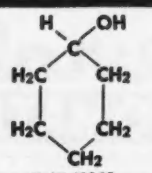
These cyclic hydrocarbons are excellent solvents for most oils, fats and waxes. They also dissolve many other materials, including crude rubber, bitumen and ethyl cellulose. They have application in extraction, recrystallization of fine chemicals and degreasing. The two chemicals have many common uses and in numerous instances are interchangeable, depending on the boiling point and evaporation rate desired.

METHYL CYCLOHEXANE, 98-100%



M. W. 98.18
Distillation Range 100.0° C.—103.0° C.

CYCLOHEXANOL, 98-100%



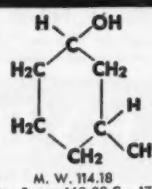
M. W. 100.15
Distillation Range 158.0° C.—162.0° C.

Cyclohexanol is produced by the hydrogenation of phenol.

*Methyl Cyclohexanol is a mixture principally of two isomers produced by the hydrogenation of metaparacresol.

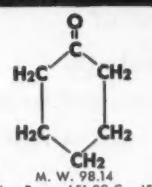
These cyclic secondary alcohols are solvents for most oils, fats, waxes and many natural and synthetic resins. They have applications as aids in wetting-out, as emulsion stabilizers, homogenizers and blending agents. They are of especial value in soaps and have use in lacquers, plastics, polishes and many other preparations.

METHYL CYCLOHEXANOL, 98-100%



M. W. 114.18
Distillation Range 169.0° C.—176.0° C.

CYCLOHEXANONE, 98-100%



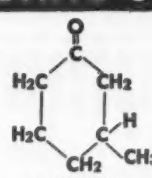
M. W. 98.14
Distillation Range 151.0° C.—157.0° C.

Cyclohexanone is produced by the incomplete hydrogenation of phenol.

*Methyl Cyclohexanone is a mixture principally of two isomers produced by the incomplete hydrogenation of metaparacresol.

These cyclic ketones are excellent solvents. They dissolve cellulose esters, cellulose ethers, and crude rubber. In addition, they are solvents for oil, fats, waxes and most of the natural and synthetic resins. Methyl cyclohexanone is widely used in lacquers of the crystallizing type. Both have application in lacquers, enamels, inks, polishes and the resin industry.

METHYL CYCLOHEXANONE, 98-100%



M. W. 112.16
Distillation Range 165.0° C.—171.0° C.

DETAILED SPECIFICATIONS ON REQUEST

The advice and experience of the Barrett Technical Staff are at the service of anyone interested in the possible application of these products in his own processing. Detailed specifications and descriptions of the six chemicals are available, and will be sent in response to requests on firm stationery. Phone, wire or write.

Barrett CHEMICALS

THE BARRETT COMPANY

40 Rector Street New York, N. Y.

AMERICA'S LEADING MANUFACTURER OF COAL-TAR PRODUCTS

Coaltar Chemicals

Spot Stocks of Many Items Small and in Some Cases Depleted —Benzol Toluol and Xylol Firm — Phenol Less Active —Steady Demand for Most Intermediates and Colors

Conditions in the market for coaltar chemicals displayed relatively little change last week. Spot stocks of most materials were not large, and in many instances depleted. Sellers were booking comparatively little new business or accepting export inquiries. Shipments, however, against existing contracts were steady, and all precautions were made to fully maintain normal requirements. The market offered nothing new in the way of the price developments, but the tone was very firm.

Demand for phenol was not quite as active as previously, but sufficient interest still prevailed to keep the market firm. Tight conditions surrounded the market for tar acids, including resols, cresylic acid and crude naphthalene. Little or not spot business was transacted, and prices were strictly nominal. Despite the improvement in production, benzol, toluol and xylol were well sold up. Export inquiries were not so heavy, but domestic requirements provided the market with more than enough orders to cause sellers to devote all their attention to the home market.

Supplies of coaltar acids and intermediates were not unlimited. Consequently sellers were cautious in booking all business reaching the market. Contract withdrawals were limited to normal proportions in most items. In view of the tight position of some basic products, sellers were uncertain regarding replacement costs. Export inquiries reached the market from many countries previously supplied by belligerents, but so far little actual business was reported. A steady demand prevailed for most coaltar colors, and supplies were adequate to provide for normal requirements. Sellers were in receipt of many export inquiries, and shipments were expected to materialize in many directions previously supplied by Europe.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.7	125.7	125.2	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand remained steady during the past week. Shipments moved against contracts at a good pace and increased consumers requirements were sufficient to take care of the larger output brought about by the stepping up in by-product coking operations. The market lost none of its firmness, which characterized trading for some time, but sellers were adhering to quotations in force previously. Export inquiries, while not so numerous, were still overhanging the market. Not a great deal of foreign business was consummated in view of the heavy domestic demand. Steel operations were scheduled at 90.2 percent of capacity last week, compared with 90.3 percent in the preceding week and 83.8 percent a month ago, according to the American Iron and Steel Institute. In the corresponding week a year ago the rate was 53.7 percent of capacity. With steel activity close to capacity, it is expected that minor fluctuations will occur over the next few months, due to strong possibility of production difficulties. The amount of orders on the books are sufficient to maintain the present rate of activity to the end of the year and possibly in a large part of next January.

Coaltar.—A steady movement against contracts prevailed in the market last week. A good export inquiry also remained in evidence. Quotations for the crude and refined were unaltered.

Creosote Oil.—There was some increased interest for next year's requirements, but so far little or no actual business was transacted. Current interest was steady, and supplies were adequate to meet consumers' needs. Pricewise a firm tone prevailed.

Cresols.—The position of the market remained relatively the same. Spot stocks were scarce, and sellers were not anxious to book new business. Quotations were nominal.

Cresylic Acid.—Shipments moved out against contracts in a steady fashion. In view of the limited supplies, and uncertainty regarding future imports, the market was strictly nominal. Sellers were not offering much material aside from regular contracts, which were held to normal proportions in practically all instances.

Naphthalene.—The market for domestic crude was nominal. Stocks were not adequate to take care of all needs, and shipments were restricted to usual consumers against contracts. Shipments from abroad were negligible, and until some arrangements can be made for deliveries, the market was expected to remain in a tight position. Withdrawals of refined were still on a restricted basis in view of the situation prevailing in the crude material.

Phenol.—While there was some evidence of a slackening in demand, withdrawals were still coming at a good pace to keep the market in a strong position. Sellers were following a reserved policy in accepting all business. Export inquiries reached the market in fair volume, but not much business moved in this direction.

Toluol.—Conditions surrounding the market underwent little improvement. Bookings against contracts were adequate to take care of available production facilities, and new business was not accepted or subject to considerable delay. Prices were unchanged, but very firm.

Xylol.—Demand from the lacquer trade was steady, and shipments were sufficient to keep the market in a firm position. The improvement in production was mostly taken care of by the increased demand.

Chicago Coaltar Bases

Notwithstanding the relatively high rate of steel industry operations, output of various grades of coaltar bases seems to be quite readily absorbed. Tone of the price structure is steady. Benzol orders have been involving considerably good volumes of material. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; cresote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—A steady demand prevailed in the market for the refined and technical grades. Pricewise no new developments occurred.

Broenner's.—Interest in the market remained routine during the past week. Prices were firm.

Cleve's.—Shipments moved against contracts at a good pace. Sellers were adhering to quotations in force previously.

Gamma.—No new developments of importance took place in this direction, interest was fairly steady, and prices were well maintained.

Maleic.—Sellers were supplying normal contract requirements as a rule in the market during the past week. A firm price tone governed the dealings.

Succinic.—Prices were unchanged, and the market was firm. Spot and contract shipments were steady.

Sulphanilic.—Various consumers entered the market for fair sized replacements last week. Pricewise a firm tone prevailed.

Other Intermediates

Alphanaphthol. — The tone of the market was very firm, but prices were in conformity with those established some time previous. Demand was limited to normal requirements.

Anilin.—There was little evidence of

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

any cessation in buying, shipments moved against contracts at a satisfactory pace. Prices were with alteration.

Benzidin Base. — Usual consumers provided the market with adequate support throughout the past week. No change was disclosed in the quotations.

Dimethylanilin.—Supplies were adequate to provide normal requirements of regular consumers, and prices remained the same.

Dinitrobenzene. — Demand continued steady during the week just ended. Prices were in line with those prevailing previously.

Dinitrophenol. — The market was without any new feature, consumers displayed a routine interest, and prices held at the levels in force for some time.

G. Salt.—A firm price tone remained in evidence, and consumers made routine withdrawals against contracts as a rule.

Metanitroparatoluidin.—Sellers were able to take care of normal withdrawals, but usually restricted new business. No change was reported in the prices.

Nitrobenzene.—A good inquiry prevailed in the market, and shipments moved against contracts at a satisfactory pace. Pricewise a firm tone predominated.

Orthonitrotoluene.—The market remained in a firm position, although prices held at the same levels. A steady buying interest was manifest in most directions.

Paratoluidin.—Demand was sufficient to keep the market firm. Sellers usually provided normal requirements of regular consumers.

Phthalic Anhydride.—Buying continued active in this direction, major consumers made good-size replacements against contracts. Prices were firm.

Thiocarbanilide.—Consumers entered the market for moderate size quantities throughout the past week. No change occurred in the quotations.

Coaltar Colors

Movement of various coaltar colors continued steady last week. Most consumers followed a normal purchasing policy in contrast to the early rush to cover in September. Production facilities were adequate to provide for increased needs of domestic consumers, and later sellers would be able to accept the many inquiries for export that have reached in the market during the past several weeks. No price changes were uncovered, however, the position of the market remained firm. The regular edition of the 1940 Spring woolen card, giving sixty colors, has been issued to members of the Textile Color Card Association. Featured are skytones, groups of subtle pastels and playtones, bright hues for sports and resort wear.

Heyden Chem. Reacquiries Stock from Foreign Holders

Elimination of all foreign interests in the stock of the Heyden Chemical Corporation was achieved when the corporation reacquired 24,500 shares of common stock from the Chemische Fabrik von Heyden, A.G., of Germany. The purchase was made at $35.50 per share, or a total of $869,750.

The corporation has also acquired for $637,500 a voting trust certificate representing 500 shares out of 1,000 shares outstanding of the Denhey Holding Corporation whose sole assets consisted of 51,000 shares of Heyden chemical common stock. The other 50 percent interest in the holding corporation was owned by B. R. Armour, president of the Heyden Chemical Corporation.

International Nickel Revises Bayonne Laboratory Setup

The International Nickel Company recently revised its organization setup in its Bayonne, N. J., laboratory. The executive group now is as follows:—Director, Dr. N. B. Pilling; assistant director, Dr. W. A. Wesley; staff advisor, E. M. Wise, and manager, D. C. West.

Plastics molding powders and desired by an Australian firm on an agency basis. A representative of the inquiring firm is now in the United States. Accredited American firms may obtain the name and address of this individual by addressing the Chemical Division of the Department of Commerce, Washington, mentioning Foreign Visitor 699.

Latin American Imports Of German Chemicals

—Continued from page 5

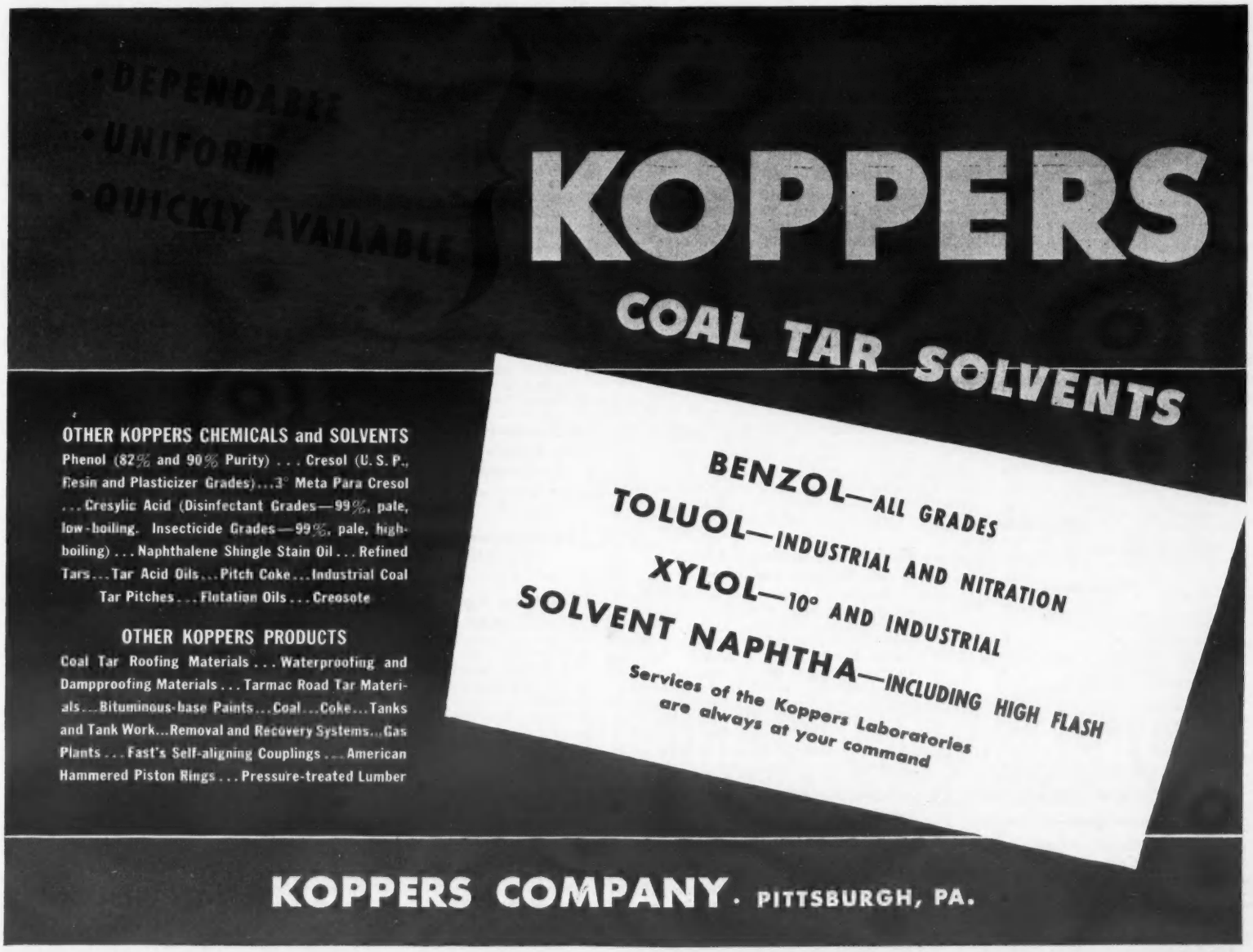
been omitted, although the figures have been included in the totals. Also the German statistics do not always show every country to which small shipments have been made for every class; but it is believed that the following represent the approximate total German chemical exports to these countries in 1938:—

Argentina

	Quintals.	Marks.
Acid, acetic and anhydride.	2,123	78,000
Chromic and potash bichromate	425	28,000
Chromic and salts	1,179	33,000
Formic and salts	725	50,000
Lactic	135	13,000
Oxalic	231	15,000
Sulphuric	288	10,000
Tannic	154	45,000
Tartaric	400	48,000
Aluminum sulphate	6,751	30,000
Alums, ammonium, potassium, sodium, synthetic cryolite	633	18,000
Antimony oxide and preparations	257	24,000
Arsenic, white	1,728	90,000
Balsams and extracts, synthetic	84	48,000
Barytes	2,166	25,000
Bismuth salt and compounds	41	33,000
Bleaching powder and per-salts	9,014	250,000
Bromides, ammonium, potassium, and sodium	65	13,000
Calcium acetate, acetates, acetone	157	16,000
Carbide	540	7,000
Chloride	4,066	19,000
Camphor	219	60,000
Carbon, activated	503	35,000
Tetrachloride	961	32,000
Colors, bronze	351	61,000
Chrome	253	27,000
Copper and pigments	1,654	254,000
Food, chlorophyll	63	29,000
Dextrin	646	27,000
Dyes, alizarin and anthracene	59	52,000
Anilin sulphur and coaltar	4,310	1,491,000
Dynamite and other explosives	597	47,000
Ethers and esters	2,266	153,000
Gases, other than carbon dioxide	279	34,000
Glue	929	71,000
Gums, arabic, tragacanth, etc.	507	85,000
Guncotton	192	19,000
Gunpowder	165	38,000
Ink, printing	114	28,000
Iodides, ammonium, potassium, and sodium	39	20,000
Iodine	21	13,000
Iron oxide	7,641	137,000
Lacquers and varnishes	1,348	223,000
Magnesium oxide and salts, carbonate artificial	401	19,000
Sulphate	14,648	59,000
Medicinals, proprietary	2,471	6,036,000
Methanol, refined acetone, formaldehyde	2,962	96,000
Oils, essential	50	74,000
Paints, oil	613	162,000
Phosphoric acid and salts, inc. fertilizer grades	771	23,000
Phosphorus and sulphide	60	12,000
Pigments, blue and green	209	24,000
Potash, caustic	811	26,000
Chlorate	720	23,000
Crude	988	30,000
Nitrate	910	40,000
Resins, synthetic	448	28,000
Shellac	155	16,000
Silicates, sodium and potassium	1,112	12,000
Soap, n.e.s.	269	26,000
Soda, caustic	489	23,000
Cyanide	198	19,000
Hydrosulphide, potash sulphide, thiosulphate	10,949	249,000
Sulphate	1,579	13,000
Ultramarine	243	13,000
Umbers and siennas	1,480	46,000
Vanillin, anethol and synthetic perfume materials	135	133,000
Zinc oxide	15,047	329,000
Total chemicals and allied products	128,857	13,662,000

Brasil

	Quintals.	Marks.
Acetate, ammonium, calcium, chrome, copper, anilin oil	207	16,000
Acid, boric and borax	2,752	74,000
Chromic and salts, n.e.s.	3,686	159,000
Chromic and potassium bichromate	773	52,000
Chromic and sodium bichromate	1,835	78,000
Formic and salts	1,065	75,000
Lactic	353	37,000
Oxalic	970	59,000
Salicylic and salts, and benzoic acid	233	48,000
Tannic	489	122,000
Tartaric	936	131,000
Alcohol, amyl, butyl, propyl, and fusel oil	873	48,000
Alkaloids, cinchona	52	298,000
Other than cinchona	42	159,000
Aluminum sulphate	19,401	124,000
Alums, ammonium, potassium, sodium, and synthetic cryolite	1,969	34,000
Chrome, copper, and iron	473	12,000
Ammonium nitrate	311	12,000
Sulphate	42,181	338,000
Anthraquinone, nitrobenzol, and other coaltar products	260	26,000
Antimony oxide and preparations	252	37,000
Arsenic, white, and compounds	5,137	282,000
Barium chloride and salts	799	13,000
Barytes	738	15,000
Benzol and light coaltar oils	345	14,000
Bismuth salts and compounds	20	17,000
Bleaching powder and per-salts	6,225	283,000
Bromides, ammonium, potassium, and sodium	71	20,000


DEPENDABLE
UNIFORM
QUICKLY AVAILABLE
KOPPERS
COAL TAR SOLVENTS
BENZOL—ALL GRADES
TOLUOL—INDUSTRIAL AND NITRATION
XYLOL—10° AND INDUSTRIAL
SOLVENT NAPHTHA—INCLUDING HIGH FLASH
Services of the Koppers Laboratories are always at your command
OTHER KOPPERS CHEMICALS and SOLVENTS
Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote
OTHER KOPPERS PRODUCTS
Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous-base Paints . . . Coal . . . Coke . . . Tanks and Tank Work . . . Removal and Recovery Systems . . . Gas Plants . . . Fast's Self-aligning Couplings . . . American Hammered Piston Rings . . . Pressure-treated Lumber
KOPPERS COMPANY . PITTSBURGH, PA.

	Quintals.	Marks.
Calcium chloride	1,249	16,000
Nitrate and urea	466	22,000
Camphor	451	92,000
Carbon, activated	216	23,000
Tetrachloride	3,309	188,000
Chloroform, chloralhydrate	76	19,000
Colors, bronze	171	33,000
Chrome	176	23,000
Copper	1,366	176,000
Cyanide	428	57,000
Dyes, alizarin and anthracene	113	211,000
Anilin sulphur and other coaltar	4,367	2,007,000
Dynamite and similar explosives	580	58,000
Enamels	17	16,000
Ethers and ethyl esters	1,320	87,000
Ferricyanides, potassium and sodium	585	37,000
Fertilizers, nitrogenous	25,958	371,000
Superphosphate and other	76,502	321,000
Gases, other than carbon dioxide	1,201	60,000
Gelatin	247	57,000
Glue	251	47,000
Hexamethylenetetramine	86	19,000
Ink, printing	571	79,000
Iodides, ammonium potassium, and sodium	118	87,000
Iodine	48	38,000
Iron oxide	2,493	72,000
Lead, white	1,145	50,000
Magnesium sulphate	6,811	34,000
Medicinals, prepared	2,960	8,568,000
Mercury salts	49	42,000
Methanol, refined acetone, formaldehyde	1,048	30,000
Naphthalene	433	12,000
Naphthol and naphthylamine	238	32,000
Oils, essential, menthol, etc.	92	128,000
Paints, oil	1,953	494,000
Perfume concretes, oils, and materials	74	25,000
Phosphoric acid salts, inc. fertilizer grades	1,967	55,000
Phosphorus and sulphide	50	15,000
Pigments, blue and green	134	18,000
Potash	1,044	38,000
Caustic	727	28,000
Chlorates	2,900	123,000
Nitrate	8,494	324,000
Salts, crude	5,001	17,000
Sulphate	63,927	489,000
Pyroxylin plastics	1,295	328,000
Resins, synthetic	1,806	288,000
Shellac	265	30,000
Silicates	1,506	38,000
Soaps	331	48,000
Soda, caustic	4,965	87,000
Sulphate	21,825	159,000
Sulphide and thiosulphate	23,629	501,000
Sulphur	13,668	159,000
Tannins, synthetic	129	12,000
Terpineol, vanillin, other synthetic perfume materials	179	189,000
Tin salts	308	57,000
Toilet preparations	100	141,000
Umbers and siennas	617	23,000
Varnishes and lacquers	664	124,000
Zinc oxide, white	17,623	390,000
Total chemicals and allied products	417,356	21,898,000

Chile

	Quintals.	Marks.
Acid, Boric and borax	747	16,000
Chromic and salts, n.e.s.	736	34,000
Formic	201	17,000
Lactic	78	7,000
Salicylic and salts, and benzoic acid	124	27,000
Tannic	74	18,000
Alkaloids	23	120,000
Ammonium carbonate	236	11,000
Arsenic, white	890	65,000
Balsams, synthetic	38	39,000
Bismuth salts	20	17,000
Bleaching powder and per-salts	1,093	45,000
Calcium carbide	6,683	80,000
Camphor	51	14,000
Carbon tetrachloride	138	7,000
Colors, chrome	178	20,000
Copper	228	33,000
Dyes, alizarine and anthracene	18	33,000
Anilin sulphur and coaltar	1,473	980,000
Dynamite	4,474	401,000
Ethers, other than ethyl	216	53,000
Ethyl ether and ester	20	11,000
Gelatin	24	9,000
Glue	159	23,000
Ink, printing	143	20,000
Iron oxide	1,065	37,000
Lacquers	875	97,000
Lead, red	739	24,000
Medicinals, proprietary	944	2,232,000
Mercury salts	26	19,000
Methanol refined acetone, formaldehyde	214	10,000
Naphthalene	374	9,000
Oils, essential	29	35,000
Paints, oil	1,286	252,000
Potash	434	18,000
Chlorate and perchlorate	378	19,000
Chromate	174	13,000
Sulphate	19,308	175,000
Pyroxylin plastics	157	46,000
Resins, synthetic	55	99,000
Silicates	880	11,000
Tannins, synthetic	164	17,000
Toilet preparations	30	24,000
Ultramarine	308	15,000
Vanillin, anethol and other synthetic perfume materials	55	80,000
Varnishes, alcoholic	31	19,000
Zinc oxide	10,469	216,000
Total chemicals and allied products	60,590	5,920,000

Colombia

	Quintals.	Marks.
Acid, acetic and anhydride	312	17,000
Chromic and potash bichromate	143	12,000
Chromic and salts, n.e.s.	1,166	54,000
Salicylic and salts, and benzoic acid	50	13,000
Sulphuric	1,099	20,000
Tartaric	141	21,000
Alkaloids	19	95,000
Ammonium sulphate	3,448	34,000
Balsams and extracts, synthetic	43	33,000
Bismuth salts	18	15,000
Bleaching powder and per-salts	569	59,000
Borax	280	13,000
Camphor	54	20,000
Casein	74	17,000
Dyes, alizarine and anthracene	15	33,000
Aniline sulphur and coaltar	1,904	1,064,000
Dynamite	770	62,000
Fertilizers	3,512	47,000
Glue	144	23,000
Ink, printnig	102	20,000
Iodides, ammonium, potassium, sodium	15	12,000
Medicinals, proprietary	1,651	4,960,000
Mercuric salts	25	22,000
Oils, essential	19	26,000
Paints, oil	474	165,000
Pigments, blue and green	197	9,000
Chrome	149	14,000
Potash chlorate	719	33,000
Nitrate	927	37,000
Resins, synthetic	133	16,000
Soap, n.e.s	83	23,000
Soda, caustic	845	16,000
Hydrosulphide, potash sulphide, thiosulphate	2,067	79,000
Nitrate	1,361	14,000
Tannins, synthetic	136	14,000
Umbers and siennas	431	15,000
Vanillin, anethol and synthetic perfume materials	10	14,000
Varnish and lacquers	768	101,000
Zinc oxide	2,039	45,000

Mexico

	Quintals.	Marks.
Acid, chromic and potash bichromate	746	49,000
Chromic and sodium bichromate	1,272	53,000
Formic	321	15,000
Lactic	182	19,000
Salicylic and benzoic	121	21,000
Tannic	53	12,000
Tartaric	292	37,000
Alkaloids	53	182,000
Alum, ammonium, potassium, and sodium	1,712	29,000
Chrome	1,143	27,000
Ammonium sulphate	18,507	151,000
Anilin oil and salts	733	25,000
Balsams and extracts, synthetic	31	25,000
Bismuth salts	46	32,000
Bleaching powder and per-salts	2,701	98,000
Camphor	100	31,000
Colors, bronze	320	52,000
Chrome	228	30,000
Copper	137	30,000
Cyanides, sodium and potassium	4,008	199,000
Dextrin	221	13,000
Dyes, alizarine and anthracene	31	30,000
Anilin and other coaltar	3,426	1,090,000
Ferricyanides	380	23,000
Fertilizers, nitrogenous	6,585	86,000
Gases, other than carbon dioxide	611	53,000
Gelatin	272	67,000
Gum tragacanth	47	13,000
Indigo	406	183,000
Iodides, ammonium, potassium and sodium	27	17,000
Iodine	33	24,000
Iron oxide	973	33,000
Lead oxide	1,125	25,000
Magnesium sulphate	6,047	41,000
Medicinals, proprietary	2,276	5,888,000
Mercuric salts	11	14,000
Nitrites	2,377	373,000
Oils, essential	49	50,000
Paints, oil	479	146,000
Pigments, blue and green	139	20,000
Potash, chlorates	2,667	83,000
Crude	1,044	34,000
Nitrate	5,316	130,000
Sulphate	2,630	19,000
Pyroxylin plastics	626	152,000
Resins, synthetic	1,010	136,000
Shellac	81	16,000
Soaps, n.e.s.	110	25,000
Soda chlorate	359	23,000
Hydrosulphide, potash sulphide, and thiosulphate	8,488	189,000
Tartrate	110	14,000
Tannins, synthetic	775	37,000
Toilet preparations	24	31,000
Ultramarine	269	22,000
Umbers and siennas	536	18,000
Vanillin and other synthetic perfume materials	88	77,000
Varnishes, nonalcoholic	272	41,000
Zinc oxide, white	7,214	170,000
Totals chemicals and allied products	91,970	10,819,000

F.T.C. Complaint Cites Fire Extinguisher Makers

—Continued from page 5

Foam System, Inc., Philadelphia, and Fyrout Company, New York.

According to the complaint, the respondents fixed and maintained a uniform price in the sale of unpatented parts, accessories, apparatus and equipment used in the manufacture, assembly or operation of fire extinguishers. It is further alleged that the respondents fixed and maintained uniform prices in the sale of certain couplings used as accessories on hose assemblies of carbon dioxide fire extinguishers, without the requirement of a license or other authority from the owner of a lawfully issued patent on such couplings. The respondents are also charged with having agreed to submit, and with having submitted, identical bids on parts, accessories, apparatus and equipment, where competitive bids were called for by governmental agencies.

Packaging Institute Elects W. M. Bristol President

William M. Bristol Jr., of the Bristol-Myers Company, was elected president of Packaging Institute, Inc. at its first annual meeting held recently in Edgewater Beach hotel, Chicago. Carl H. Lambelet, New Jersey Machine Corporation, was named vice-president.

About 150 members attended the convention which was the first since last Spring's merger of the Production Managers Association and the Packaging Machinery Manufacturers Institute. Divisional vice-presidents elected were J. S. Stokes, of the Stokes & Smith Company; Charles L. Barr, of the F. B. Redington Company; E. A. Metz; Frank B. Fairbanks, of the Horix Manufacturing Company; Kendall D. Doble, of the Pneumatic Scale Corporation; J. L. Ferguson, of the J. L. Ferguson Company and G. Prescott Fuller, of the Dexter Folder Company. Of these divisional vice-presidents, Mr. Doble and Mr. Fairbanks are newly appointed.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Three-hundredth Instalment

Oils

Antioxidants for Preventing Rancidity in Oils

(Continued from October 23 issue)

Phenolates resulting from the interaction of a phenylphenol, such as 2-hydroxydiphenyl or 4-hydroxydiphenyl, with diphenylguanidin or triethanolamine or ethylenediphenyladiamine
Phenylalphanaphthylamine
Phosphoric acid esters
Phosphorus compounds
Pine oil
Piperidin
Pyridin
Propenylguaethol
Propylguaethol
Propylparaoxybenzoic acid
Propylphosphin
Pyrogallol
Polybasic aliphatic acids
Polycyclic phenols or ethers
Pyrocatechol
Quinolin
Rancidex
Reaction product of aminoacenaphthene with aldehyde
Reaction product of aminoacenaphthene with formic acid
Salicylic acid
Santolube CC
Salicylamide
Small amount of natural resin
Sodium maleate
Tetraethyl-lead
Tetramethyldiaminodiphenylmethane
Thioalcoholates
Thiocresols
Thiophosphoric acid esters and their halides
Thioureas
Thymol
Thyroxin
Thyroxin-like substances
Tin naphthenate
Tin oleates
6:4:4'-Triamino-3:3'-dimethyldiphenylmethane
Triphenols
Triphenyl phosphates and related aryl phosphates
Xylenols

Antispattering Agent for Edible and Hydrogenated Oils

Sodium monostearinsulphoacetate

Aromatizing Agent for Oils

Tartaric acid

Bleaching Agents for Oils

Air
Albone
Alkali hypochlorides
Alkali peroxides
Alkalies
Alkalies and their metallic salts
Aluminum hyposilicate
Ammonium hypochlorite
Ammonium hyposulphite
Ammonium persulphate
Barium carbonate
Barium peroxide
Bentonite
Benzoyl peroxide
Benzoyl superoxide
Blankit
Bleaching powder
Bromobenzoyl chloride
Bromobenzoyl chloride with capryl chloride
Bromobenzoyl chloride with lauryl chloride
Bromobenzoyl chloride with oleyl chloride
Calcium hypochlorite
Calcium oxychloride
Caproyl peroxide
Chlorobenzoyl chloride
Chlorinated lime
Chlorine, gaseous
Chromic acid
Decroline
Dioxygen
Ferrous sulphate
Formaldehyde with sodium hyposulphite
Formaldehyde with sulphoxylate
Fuller's earth
Hot air
Hydrolite
Hydrogen peroxide
Hydrosulphites
Hydraldite
Hyposulphites with formaldehyde
Hydrogen peroxide solution
Lead actetate, basic
Lead sulphate
Light and actinic rays
Lucidol
Magnesium dioxide
Magnesium hydrosilicate
Magnesium peroxide
Magnesium silicate
Manganese linoleate
Merclor B
Metallic salts of alkalies
Nascent chlorine (from bleaching powder or sodium bichromate and sulphuric acid)
Nitric acid with potassium chlorate
Oleyl chloride
Oleyl chloride with benzoyl chloride
Oleyl chloride with bromobenzoyl chloride
Oleyl chloride with chlorobenzoyl chloride
Oleyl chloride with hydrogen peroxide
Oxone
Ozone
Ozonized air
Palatinit
Perborates
Percarbonates
Persulphates
Peroxides
Phenylacetyl peroxide
Phthalyl peroxide
Phthalyl peroxide with hydrogen peroxide
Potassium bichromate
Potassium carbonate
Potassium chlorate
Potassium hypochlorite
Potassium perborate
Potassium percarbonate
Potassium permanganate
Potassium peroxide
Potassium persulphate
Rancidex
Rongalite
Silicic acid
Sodium bicarbonate
Sodium bichromate
Sodium carbonate
Sodium hydrosulphite with ammonia
Sodium hydroxide
Sodium hypochlorite
Sodium hyposulphite
Sodium nitrate
Sodium perborate
Sodium percarbonate
Sodium peroxide
Sodium persulphate
Sodium tetraborate
Sodium thiosulphate
Solozone
Succinyl peroxide
Succinyl peroxide with hydrogen peroxide
Sulphur dioxide
Sulphurous acid
Sunrays
Sulphuric acid
Sulphuric acid with potassium permanganate
Sulphuric acid with potassium bichromate
Ultraviolet light
Valeryl peroxide
Valeryl peroxide with hydrogen peroxide

Catalysts Used in Hydrogenating Oils

Alkali hydroxides
Alkali-earth hydroxides
Aluminum
Aluminum carbonate
Aluminum hydroxide
Aluminum oxide
Aluminum suboxide
Barium hydroxide
Calcium hydroxide
Calcium oxide
Cerium
Cerium carbide
Cerium oxide
Chromium
Cobalt
Cobalt compounds
Cobalt oxide
Copper
Copper carbide
Copper carbonate
Copper hydroxide
Copper oxide
Copper suboxide
Copper sulphate
Didyium
Didyium carbide
Didyium oxide
Didyium salts
Hydrogen, purified
Iron
Iron, colloidal
Iron carbide
Iron carbonate
Iron carbonyl
Iron compounds
Iron hydroxides
Iron oxides
Iron silicide
Iron suboxides
Lanthanum
Lanthanum carbide
Lanthanum oxide
Lanthanum salts
Lead-methyl
Manganese
Mercury-methyl
Metal carbonates
Metal hydroxides
Metal oxides
Metal suboxides
Metals
Molybdenum
Nickel
Nickel, colloidal
Nickel carbide
Nickel carbonate
Nickel carbonyl
Nickel hydroxide
Nickel oleate
Nickel oxide
Nickel silicide
Nickel suboxide
Nickel-ammonium sulphate
Osmium
Palladium
Platinum
Rare earth metals
Selenium
Silica
Sodium chromite
Tellurium
Thallium-methyl
Titanium nitrate
Thorium
Thorium carbide
Thorium oxide
Thorium salts
Titanium
Vanadium
Water-gas
Zinc
Zinc carbonate
Zinc hydroxide
Zinc oxide
Zinc suboxide
Zinc-methyl
Zirconium

(To be continued)

Paint, Varnish, Lacquer Materials

Raw Materials Market Shows Easing Tendencies — Titaniums, Zinc Oxides, Carbon Black and Varnish Gums Firm — Rosin and Turpentine Steady

The general market for raw paint materials was a bit less active last week, although several products continued to be in good call. Notable among the latter were titanium pigments, zinc oxides, and carbon black. Varnish gums were regaining some of their previous firmness, and several advances were made. Softwood charcoal was sharply up. Appearance of larger supplies of Argentine casein prevented further fluctuations in the price of that material. Whiting was being imported to the United States from Belgium in larger quantities to replenish low stocks of British and French supplies.

Rosin and turpentine were generally firm in Southern and local markets. There was a steady movement on contracts and transient orders, and a somewhat better export inquiry for rosin was noted. Receipts showed some falling off, and the indications pointed to a further shrinkage in arrivals in the near future.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Charcoal, softwood, c.l., dlvd., $2 per ton.
Gum, copal, c.l., ⅝c. to 1 2/3c. per lb.
dammar, Batavia E, c.l., ⅝c. per lb.
thus, 50c. per 280 lbs.
Isopropyl acetate, 9/10c. per lb.
Rosin, gum, 5c. to 15c. per 280 lbs.
Rosin oil, 1c. per gal.

Reduced

None.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 per August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

In the lead market a fair amount of new inquiry was noted in custom sources, and there was apparently a waiting list still in existence. Sales were said to have been equal to production quotas for the week. Zinc was a bit duller but steady. Stocks of lead in the United States declined 20,283 short tons in September to a total of 97,702 at the end of the month, according to the American Bureau of Metal Statistics. It was the sharpest decrease in lead stocks and the smallest supply on hand for any month in many years. Shipments of lead to consumers reached a new high in September for any month in recent years at 59,554 tons, an increase of 14,529 over August shipments. Lead production in the month was virtually at the same level as during August, the total being 39,253 tons, up only 253 tons.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from October 21 to October 27 inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0550@.0555	$0.0535	.. * .. ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wednesday	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from October 21 to October 27, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0690	$0.0650	.. * .. ..
Monday	.0690	.0650	.. .. ..
Tuesday	.0690	.0650	.. .. ..
Wednesday	.0690	.0650	.. .. ..
Thursday	.0690	.0650	.. .. ..
Friday	.0690	.0650	.. .. ..

* London exchange closed.

Pigments

Litharge.—Demand was at the same level as the previous week and the price was firm and unchanged.

Lithopone.—Demand was good and the price steady.

Orange Mineral.—A slight slackening of interest was reported by leading producers. The price was firm.

Red Lead.—Consumption by battery manufacturers was satisfactory to producers. The price was steady and unchanged.

Titanium Pigments.—These pigments continued to be the pacemakers in the field, with sales volume at record levels. The quotations for the various grades were firm and unchanged.

White Lead.—The dry material was moving into consuming channels in good volume, but there was a slackening of interest in the lead-in-oil product. Prices were firm.

Zinc Oxides.—Rubber products makers were active in the market, but the demand from paint manufacturers was more sluggish than it had been during the previous week. Prices were firm.

Fillers and Extenders

Barytes.—Shipments tapered off slightly, although a few consumers continued to call for fairly large tonnages. The price was unchanged.

Charcoal.—The car lot price of the softwood material was advanced $2 per ton to a price of $32.40 for delivery to the following States:—Alabama, Delaware, Georgia, Kentucky, Maryland, Mississippi, New Jersey, New York, North Carolina, South Carolina, Tennessee, Virginia and West Virginia. The price was advanced $2 per ton to $32.80 for delivery to New Hampshire, Rhode Island and Vermont. It was also advanced $2 per ton for delivery to Pennsylvania, where price now is $31.80.

China Clay.—The lump material was in less demand. Pricewise the market showed no change.

Gypsum.—Consuming interest was sluggish, with the price unchanged.

Talc.—Scarcity of the imported material created a bit more interest in the domestic product. The price was firm.

Whiting.—With French and English material at a premium, consumers were showing an active interest in stocks from Belgium. The largest shipment ever to come to the United States from that country, about 1,000 tons, arrived last week, greatly relieving the pressure against stocks.

Varnish Gums

Copals.—Recent weakening tendencies disappeared from the market and prices were beginning to attain their normal levels. All congo type gums were advanced, the increase ranging from 2-3c. to 1 2-3c. per pound.

Dammars.—Batavia E was advanced ⅜c. per pound to a level of 10c.

Synthetic Resins

Ester gum continued to be quoted at 6¼c. to 6¾c. per pound in the New York area. Interest was light. Exports from Germany in 1938 totaled 8,197 metric tons, a 14 percent decline from 1937 shipments of 8,351 tons.

Dry Colors

Carbon Black.—Sales volume continued to seek record levels during the period under review. Tire manufacturers remained the largest buyers. The price was steady and unchanged.

Cadmium Red.—The price was steady and unchanged at 75c. to $1.05 per pound. Interest was slack.

Cadmium Yellow.—Consumption was smaller during the period with the price continuing at 50c. to 55c. per pound for ton lots.

Carmine No. 40.—Material was offered at $4.85 to $5 per pound with demand at a lower level than the preceding week.

Mercuric Oxides.—Producers held their previous quotations of $2.41 per pound for the technical red material

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

The Expert Touch

● The unfailing uniformity of Calco Oil Colors is no accident as users have learned from experience. It comes from the long practical experience and skilled workmanship that go into their making. The color range of this famous line is so complete you can depend on this one source for all your shade requirements. Expert color matching service is available to you without charge or obligation.

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Have You a DRYING PROBLEM?

SOLIDS-LIQUIDS-GASES-SOLIDS-LIQUIDS-GASES-SOLIDS
DRIERITE
SOLIDS-LIQUIDS-GASES-SOLIDS-LIQUIDS-GASES-SOLIDS

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AIR	SULFUR DIOXIDE	ETHER
OXYGEN	METHYL CHLORIDE	ACETONE
HYDROGEN	ALCOHOLS	PYRIDINE
CARBON DIOXIDE	ESTERS	FORMIC ACID

Drierite is "The Versatile Dessicant" that may be the answer to your problem. *Write for Bulletin*

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ESPECIALLY FOR PRINTING INK MAKERS

H-D Flushed Colors for use in process work:
50-F-206, Primrose Yellow
72-F-204, Toning Yellow
90-F-109, Phloxine Toner, Med.
80-F-311, Peacock Blue
WRITE FOR SAMPLES

The Hilton-Davis Chemical Co.
P. O. BOX 8, PLEASANT RIDGE STATION, CINCINNATI, O.

LAMP CARBON BONE BLACKS LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

and $2.26 for the yellow. Consumers were showing less interest in offerings.

Vermilion.—Quotations continued at $2.70 to $2.79 per pound.

Bronze Powders

Interest in aluminum powder and paste continued fairly good last week but the demand for other bronze powders was at a slightly lower level. All quotations continued steady and unchanged.

Driers

The majority of contracts for delivery during the final quarter of the year were signed last week and shipments became somewhat heavier than during the previous period. Prices were firm.

Naval Stores

Southern and local markets for rosin and turpentine continued to present a rather firm appearance much of the time last week. Some grades of rosin were a shade higher and turpentine also moved up a fraction early in the period. Domestic trade continued along conservative lines so far as new orders were concerned although there were reports of a rather liberal movement of rosin to consumers on contracts. A somewhat better export inquiry for rosin was also reported.

Receipts at some points showed a decrease and predictions were heard of a further and more marked shrinkage in the movement in the near future. In the opinion of some, consumption of rosin and turpentine during the remainder of the current naval stores season will probably prove larger than in the same time last season as indications are believed to point to a gradual expansion in activity in industries in which the use of rosin is large.

Statistics covering supplies under the control of the CCC on loans to producers showed that the decrease in holdings during the week ended October 20 was larger than in the previous week, the decrease in rosin being 5,988 barrels and 5,103 drums, while stocks of turpentine dropped 2,966 barrels. Production in some parts of the South in recent weeks has been larger than expected as a result of mild weather, but a slowing down of operations is anticipated with the advance of the Fall season.

CCC Loan Holdings

The following table shows the stocks of rosin and turpentine held October 20 by the CCC under loans on the 1938 crop:—

	Rosin—Barrels.	Rosin—Drums.	Turpentine. Barrels.
Savannah	136,636	7,255	.....
Jacksonville	197,510	3,302	16,666
Brunswick	100,357	6,393	.....
Mobile	18,123	11,892	.....
Pensacola	30,006	785	.....
Valdosta	128,782	5,289	10,861
Totals	611,414	34,916	27,527
Pre-week	617,302	40,019	30,493

Turpentine.—Business in the local market was on a conservative scale, purchasing generally being limited to moderate lots with the movement of such quantities reported as fair. The tone here continued firm. Receipts and offerings in primary markets were rather light.

SAVANNAH, Oct. 27.—The market for turpentine was quieter. Following is a record of the market for the week:—

	Cents per gal.	Barrels—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—Stocks.
*Saturday	...	...	...	...	.....
Monday	27¼	43	137	393	25,286
Tuesday	27	55	502	196	25,592
Wednesday	27	51	280	30	25,842
Thursday	27	38	236	50	26,028
Friday	27	72	19	1,944	24,174

* No trading.

JACKSONVILLE, Oct. 27.—The turpentine market had a firm undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—Stocks.
*Saturday	...	...	...	...	.....
Monday	27	30	201	...	51,513
Tuesday	27	150	164	17	51,660
Wednesday	27	...	55	1,831	49,884
Thursday	27	...	465	...	50,349
Friday	26½	...	91	10	50,062

* No trading.

PENSACOLA, Oct. 21.—Turpentine receipts were light. Following is a record of the market for the week:—

	Barrels—Receipts.	Barrels—Shipments.	Barrels—Stocks.
Monday	56	244	19,820
Tuesday	122	284	19,658
Wednesday	52	...	19,710
Thursday	25	...	19,735
Friday	53	121	19,667
Saturday	6	...	19,673

CHICAGO, Oct. 27.—Turpentine demand has been fully up to expectations and the tone seems to be quite strong. Ruling prices:—Five-drum lots, 34c. per gallon; five wood barrels, 39c.; single drums, 37c.; single barrels, 42c.

London Turpentine Stocks

Stocks of American turpentine in London were:—

	Oct. 27.	Previous week.	Last year.
Barrels	18,335	18,811	27,280

Rosin.—Price changes in the local market were narrow last week, but the market had a firm tone in company with developments in primary centers where the tendency of some grades was upward at times. Business here continued along conservative lines, the call for moderate quantities being fair.

SAVANNAH, Oct. 27.—A firm tone prevailed in the rosin market. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$4.00	$4.00	$4.00	$4.00	$4.00
D	...	4.10	4.10	4.10	4.10	4.10
E	...	5.00	5.00	5.00	5.00	5.00
F	...	5.20	5.20	5.20	5.20	5.20
G	...	5.45	5.45	5.45	5.50	5.45
H	...	5.50	5.50	5.55	5.60	5.60
I	...	5.77½	5.77½	5.80	5.80	5.80
K	...	5.80	5.80	5.80	5.80	5.80
M	...	5.80	5.80	5.80	5.85	5.80
N	...	5.85	5.90	5.90	5.90	5.85
WG	...	5.90	5.90	5.90	6.00	6.00
WW	...	6.25	6.35	6.30	6.30	6.35
X	...	6.25	6.35	6.30	6.30	6.35

	Barrels—Sales	Receipts	Shipments	Stocks—	
	... 328	546	492	165	484
	... 1,151	1,871	794	575	442
	... 5,345	905	285	500	6,538
	... 239,776	240,742	241,251	241,327	235,231

* No trading.

JACKSONVILLE, Oct. 27.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.75	$3.75	$3.75	$3.75	$3.75
D	...	4.00	4.00	4.00	4.00	4.00
E	...	5.00	5.00	5.00	5.00	5.00
F	...	5.10	5.10	5.10	5.10	5.10
G	...	5.30	5.45	5.45	5.45	5.50
H	...	5.50	5.50	5.50	5.50	5.60
I	...	5.77½	5.80	5.80	5.80	5.80
K	...	5.80	5.80	5.80	5.80	5.80
M	...	5.80	5.80	5.80	5.80	5.80
N	...	5.85	5.85	5.85	5.85	5.85
WG	...	5.90	5.90	5.90	5.90	5.90
WW	...	6.25	6.25	6.25	6.25	6.25
X	...	6.25	6.25	6.25	6.25	6.25

	Barrels—Sales	Receipts	Shipments	Stocks—	
	... 56	120	...	...	146
	... 787	1,212	509	462	619
	... 1	126	1,254	...	3,492
	... 336,589	337,675	336,936	337,395	334,552

* No trading.

CHICAGO, Oct. 27.—Business in rosin continues active. B. grade, $7 per lot of 280 pounds; G grade, $8.50; M grade, $8.85; W.W. grade, $9.35.

PENSACOLA, Oct. 21.—The rosin market was quiet. Following is a record of the market for the week:—

	Barrels—Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	287	511	194	95	138	23
Shipments	675	80	...	299	100	...
Stocks	61,757	62,188	62,382	62,178	62,216	62,239

Pine Oil.—The local market remained in a steady position. Business was generally of a conservative character, the call for small or moderate quantities being fairly active.

Pitch.—Quotations here were stationary and the tone of the market appeared to be firm. There was a fair request though consumers showed little disposition to purchase ahead.

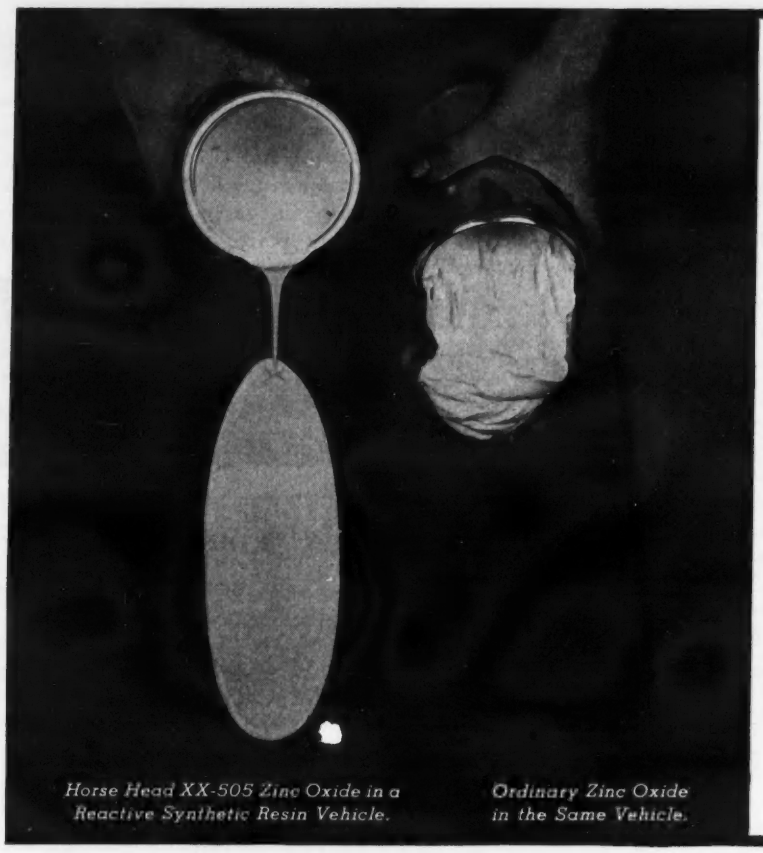
Rosin Oil.—The market had a firmer tone, quotations being advanced one cent per gallon. There was a fair movement of moderate lots into local and other consuming channels.

Tar.—The local market had a firmer tone. There was a steady movement into consuming channels on contracts. New business was reported as more active.

Shellac

The shellac market showed some signs of a turn toward normality last week. The high pressure of demand that

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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...we will supply the pigment. Use a reactive synthetic resin vehicle, or any other vehicle which you have not been able to work with ordinary zinc oxide. You may find the solution to your problem in this new type of zinc oxide, as other manufacturers have whose products now contain this outstanding pigment.

Horse Head XX-505 Zinc Oxide is suggested for use in interior gloss paints and enamels, synthetic resin type exterior enamels and lacquers, exterior house paints and trim and trellis paints. Use the coupon for your sample.

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HORSE HEAD XX-505 ZINC OXIDE

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Offices and Agents
In Principal Cities
Distillers of Coal Tar Products

kept deliveries subject to delay and caused the bleachers to operate at full productive capacity eased moderately and there seemed to be some reason to expect that in the not far distant future normal conditions as to deliveries would develop. However, there was still an active call for contract quantities and hence the fundamental position of the market was still firm.

Conditions in Calcutta have improved very little. While prices for shipment goods were off from the peak reached on the advance, importers here declared that shipping space was becoming more and more difficult to obtain. Delays in shipments have resulted and any real improvement in that aspect of affairs was uncertain. An added factor is a further advance in freight rates which, when it becomes effective, will add practically 1c. to the cost of shipment parcels.

Lacquer Materials

While demand gave some evidence of slackening, sellers were pushed to take care of all orders reaching the market. Shipments moved against contracts at an active pace, and some items were pretty well booked ahead. Spot prices continue to display firmness, especially in acetone. Quotations for isopropyl acetate were advanced on spot conforming with the recent advance in ethyl acetate.

Acetone.—Prices remained firm, with little spot material offered. Shipments moved against contracts at an active pace. Export inquiry was brisk.

Butyl Acetate.—No further change took place in the prices. Demand was steady.

Dibutyl Phthalate.—The market fully retained its firm tone last week. Spot and contract demand was good.

Isopropyl Acetate.—Spot prices were advanced 9/10c. per pound, making tanks, East of Rockies, 6c. per pound and car lots, 7c. per pound, with the usual differential for smaller quantities. A good inquiry was reported at the higher levels.

Methyl Acetate.—The market was in a firm position and indications were that prices may be advanced. Demand was steady.

Tricresyl Phosphate.—A firm price tone prevailed in this direction. Shipments against contracts were in good volume.

Glues and Binders

Casein.—There were fewer restrictions on normal trading during the period under review due to the appearance of larger quantities of Argentine material at local markets. Both the domestic and imported prices were firm and unchanged.

Glues.—Present quotations for both hide and bone glues were strong during the week although no advances were made. Demand was at a good level.

Soybean Protein. — Demand was slightly off with prices unchanged at 14¼c. per pound for car lots and 14½c. per pound for smaller quantities.

Balto. Paint Club Bids For 1940 National Meeting

Baltimore, Oct. 23, 1939

At its regular monthly meeting the Baltimore Paint, Varnish and Lacquer Association voted to campaign to have the 1940 convention of the national association held in this city. Lloyd E. Stegner, the new president, told members that the local chamber of commerce, hotel officials and other business men had promised their support in this attempt.

Reichhold Chemicals Develops Air Drying Urea Resin

Reichhold Chemicals, Inc., Detroit, has added to its list of products an air-drying urea formaldehyde synthetic resin. The company, in disclosing this new development, stated that urea resins have long been used as one of the important components of certain types of plastic molding resins and, more recently, in the surface coating industry for enamels requiring high temperature baking for curing.

Weitzner Gets Whiting Cargo

The largest individual shipment of whiting made recently to the United States arrived October 20 on the Belgian liner, S. S. Indier. The shipment of 16,000 bags, approximating 1,000 tons, was consigned by the Ciments Portland Artificiels Belges to its agent in the United States, Nicholas H. Weitzner, 38 East Fifty-seventh street, this city.

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Linseed Oil Output Up in Third Quarter

There were thirty mills in the United States which crushed flaxseed during the quarter ending September 30, 1939, reporting a crush of 190,787 tons of flaxseed and a production of 134,326,190 pounds of linseed oil, according to the Bureau of Census. These figures compare with 141,210 tons of seed crushed and 98,407,203 pounds of oil produced for the corresponding quarter in 1938; 214,649 tons of seed and 151,278,120 pounds of oil in 1937; 136,142 tons of seed and 91,805,153 pounds of oil in 1936; and 167,952 tons of seed and 116,666,533 pounds of oil in 1935.

Stocks of flaxseed at the mills on September 30, 1939, amounted to 178,735 tons compared with 84,542 tons for the same date in 1938; with 79,970 tons in 1937; with 58,345 tons in 1936; and with 84,144 tons in 1935. Stocks of linseed oil reported by the crushers were 78,920,971 pounds on September 30, 1939, compared with 79,500,005 pounds for the same date in 1938; with 101,918,610 pounds in 1937; with 54,297,273 pounds in 1936; and with 66,713,098 pounds in 1935.

Iron Oxide Import Invoices To Show Preparation Method

OPD Washington Bureau
October 23, 1939

Invoices covering imports of iron oxide into the United States must be accompanied by information setting forth the method of preparation of the oxide, together with the patent number, if any, it is required by a Treasury decision issued by the Bureau of Customs. This information is in addition to other import information required. The new order becomes effective in sixty days.

Carl Andreson, secretary of the Oakland Paint, Varnish and Lacquer Association, recently underwent an appendectomy.

Trade Briefs

Canadian linseed oil production totaled 3,504,369 gallons in 1938.

Luminous paints are being tested by a British committee of lighting technologists looking toward a solution of the Winter "black-out" problem.

W. Robert Melville, Buffalo manager of the National Lead Company, has been appointed to the vocational service committee of the Rotary Club of Buffalo.

Paraffine Companies, Inc., Emeryville, Calif., has established headquarters for the Southwestern district in Dallas, Tex. The district includes Texas, Arkansas, Louisiana, Mississippi and Oklahoma.

Glidden Company, paint manufacturer, Cleveland, reported to the New York Stock Exchange that it has reacquired 1,000 common shares in September and 900 shares in August, 1939, bringing its holdings to 11,902 shares.

St. Louis Paint Men's Golf Club has elected S. R. Casey, of the Mound City Paint & Color Company as president; vice-president, Keo J. Mitchell, of the Mitchell-Mayer Company, and secretary-treasurer, D. P. Murray, of the Aluminum Company of America.

Ice Control Discussed In New Solvay Booklet

A resume of present ice control practices with particular reference to the use of calcium chloride is presented in an attractive booklet entitled "Highway Ice Control Methods, Materials, and Equipment" just issued by the Solvay Sales Corporation, this city. It comprehensively describes methods of skid-proofing icy areas, stock pile maintenance, and spreading procedure, and contains valuable tabular data on calcium chloride and its brines. Copies of the volume can be secured by interested persons from the Solvay Sales Corporation, 40 Rector street, New York, mentioning the REPORTER.

Glidden Trade Sales Head

Lloyd L. Storey

Mr. Storey has been named executive head of the trade sales division of the Glidden Company, paint manufacturer, Cleveland. Complete details of the appointment were published in October 23 issue of the Reporter. Mr. Storey has been with the Glidden Company since 1921.

Copley Joins Staff Of Wyndmoor Laboratory

OPD Washington Bureau
October 17, 1939

The appointment of Dr. M. J. Copley, formerly associate professor of chemistry at the University of Illinois, as chief of the analytical and physical chemistry division of the Eastern Regional Research Laboratory, Wyndmoor, Pa., was announced today by Dr. Henry G. Knight, chief of the Bureau of Agricultural Chemistry and Engineering. Dr. Copley will direct research on the application of physical and physicochemical methods to aid in the development of new uses for surplus agricultural commodities, and also have general supervision of the analytical work carried on by the laboratory. Dr. Copley received his Ph.D degree in physical chemistry from the University of Illinois in 1929 and was appointed immediately to the teaching and research staff of the chemistry department.

Du Pont Holders Accept Debenture Exchange Plan

Wilmington, Oct. 25, 1939

E. I. du Pont de Nemours & Co. announced today that holders of more than 90 percent of the debenture stock had surrendered their shares in acceptance of the offer to exchange 1⅛ shares of $4.50 cumulative preferred stock for each share of debenture stock outstanding. The plan has been declared operative.

Andrew B. Shea, vice-president of W. R. Grace & Company, this city, will discuss the effects of the war upon the Americas in a talk before the Trade Association Executives in New York City at a luncheon in the Hotel Commodore November 2.

Chemical Workers And Payrolls Gain

—Continued from page 5

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment. Sept.	Employment. Aug.	Payroll totals. Sept.	Payroll totals. Aug.
Metalliferous mining	61.7	60.6	54.5	54.3
Quarrying and non-metallic mining	48.0	48.1	42.8	42.7
Crude petroleum producing	64.8	66.7	60.7	61.8
Dyeing and cleaning	105.4	102.5	78.4	73.1

Employment in New York

Employment in factories producing chemicals and related products in New York State increased 2.8 percent from August 15 to September 15, 1939, and gained 1.8 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 4.1 percent from August 15 to September 15, and payroll rose 3.1 percent during the same period. The department's index of employment for September was 87.4 percent. The payroll index was 82.6 percent. These indexes are based on the average years 1925-1927 as 100.

	Percentages State.	Percentages City.
Drugs and industrial chemicals	+8.8	+4.5
Oil products	+2.1	+1.6
Paints and colors	+0.7	+0.9
Photographic and miscellaneous chemicals	+0.5	—5.1

Continental Can Earnings Up

Consolidated net earnings of Continental Can Company, this city, and its wholly owned subsidiaries for the twelve months ending September 30, 1939, based partly on estimates and subject to current year-end adjustments, amounted to $12,787,491, which, after providing $5,275,495 for depreciation, depletion and federal taxes, left net earnings available for dividends of $7,511,996, equal after preferred dividends, to $2.32 a share on 2,853,971 common shares. For the corresponding twelve months' period ended September 30, 1938, net earnings available for dividends were $7,026,531, equivalent, after preferred dividends, to $2.16 a share on the common stock.

California Rock Salt Buys Claims at Bristol Dry Lake

The California Rock Salt Company, of Los Angeles, has purchased forty salt claims at Bristol Dry Lake, for $50,000. The company has been operating these claims on lease for eighteen years. The deposits cover 5,000 acres in the Mojave Desert [illegible] Calif., and were formerly owned by the Consumers Salt Company, Los Angeles.

Monsanto Earnings Up

Monsanto Chemical Company, St. Louis, net income, after all charges, for the third quarter of 1939, amounted to $1,332,901. After deductions for preferred dividend requirements and minority interests, 96 cents a share was earned on the 1,241,712 common shares outstanding on September 30, 1939. Net earnings for the third quarter of 1938 were $731,353, or 51 cents a share on the 1,241,816 common shares then outstanding.

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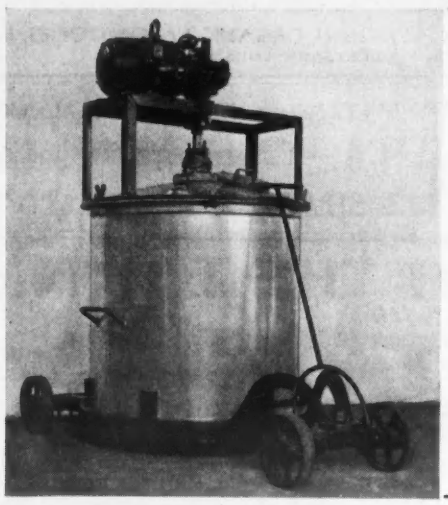

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OIL CITY, PENNA.

Oils, Fats, and Waxes

Crude Coconut Oil Quiet and Lower—Perilla Shaded—Chinawood Steady—Moderate Changes in Refined Cottonseed Oil —Lard Trend Downward—Business Fairly Active

No broadening of business was noticeable in the market for miscellaneous oils, fats and greases last week. The call for moderate quantities of various products was fairly active, however, and in some quarters the movement of such lots for the week was regarded as satisfactory in view of the uncertainty concerning political affairs at home and abroad.

There was nothing in the action of the market for cottonseed oil futures to stimulate interest on the part of buyers of other commodities, while lard futures displayed weakness at times, as a result of a rather heavy movement of hogs to Western centers.

The general market for oils and greases, however, had a steady tone. Few changes were noted in prices. Offerings of many domestic and imported products were light throughout the week and in the case of commodities of foreign origin there appeared to be little prospect of any change in the situation in this respect in the near future.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bayberry wax, 3c. per lb.

Reduced

Coconut oil, crude, ¼c. per lb.
Lard, 25c. to 35c. per 100 lbs.
Lard compound, 50c. per 100 lbs.
Linseed meal, $1 per ton.
Linseed oil, 2/10c. per lb.
Perilla oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
106.6	106.7	108.2	101.4

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

Local quotations on chinawood oil were stationary last week, ranging from 24c. to 27c. per pound in tankcars, according to seller. The tone of the market appeared to be steady. Few transactions were reported but this was apparently due to the limited supplies available rather than to a lack of buying interest. No change was reported in the situation abroad where shippers were not in a position to offer more freely than in recent preceding weeks or at prices sufficiently attractive to interest buyers here. Recent arrivals appeared to have been moved into consuming channels on contracts previously placed. There were reports of a good inquiry for substitutes, but supplies of such products also appeared to be limited.

SAN FRANCISCO, Oct. 25.—Sales of chinawood oil below evident replacement from the Orient were reported effected here during the week at 26½c. per pound in tankcars, f.o.b. Pacific Coast ports. Oriental quotations are named here on the basis of 27c.

Vegetable Oils

Coconut.—An easier tone developed last week in the local market for crude oil, quotations being reduced to 3⅞c. to 4c. per pound in tankcars. Business was quieter, the falling off in demand being attributed to reports of an easier primary situation and a reactionary tendency in some outside markets. Refined oil met with a fair demand and the market remained steady.

SAN FRANCISCO, Oct. 25.—Sales of coconut oil were reported out of this market during the week at 3¾c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, with the situation later reverting to a 3⅝c. position, where it remains steady, with but little interest. Business in copra was reported to have been booked on the basis of 2.25c. to 2.30c. per pound, c.i.f. Pacific Coast ports. Positions of shipment are mostly nearby and trading has been of a fairly healthy nature. The market appears to be steady at the prevailing levels.

Corn.—Quotations on crude oil underwent little change during the week, the prevailing tone being steady. Changes in prices for competing product were generally narrow and offerings of corn oil remained light. There was a fair inquiry. Refined oil was in moderate demand and steady.

Cottonseed. — Refined oil selling schedules were held at previous levels by local interests, the tone being steady. No broadening of trade was reported, but the inquiry for moderate quastities was fairly active.

Oiticica. — The market continued to present a steady appearance. Supplies on spot still appeared to be light, some importers not being in a position to offer for prompt or nearby delivery. There was a fairly active inquiry.

Olive.—Foots met with a fair demand on spot and the market retained a steady tone, quotations being maintained at previous levels. Denatured oil was rather quiet, the recent advance in prices making some consumers disposed to hold off. Offerings of foots and denatured oil were light.

Peanut.—Quotations on crude oil underwent little change during the week, the prevailing tone in primary markets being firm, although business was reported as quiet in the absence of any increase in offerings.

Perilla.—Quiet conditions continued to prevail and the tone of the market appeared to be somewhat easier, although offerings of oil on spot continued light.

Soybean. — The market here was rather quiet so far as new business was concerned, though there were reports of a fair movement into consuming channels on unfilled contracts. Also there were reports of further sales for export.

Markets at Other Centers

Chicago, Oct. 27.—The general vegetable oil market is quiet but firm.

COCONUT.—Coast basis, October-forward, 3¾c. to 3⅞c. per pound. Refined, edible oil, 9¼c. to 9½c. per pound, drums, car lots; and 9¾c. to 10c., drums, less than car lots.

CORN.—Crude, low acid, 6½c. to 6⅝c. per pound, partly nominal. Refined, edible oil, 9¼c. to 9½c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

PEANUT. — Crude, mills, October-forward, 7c. to 7⅛c. per pound.

SOYBEAN.—Crude, mills, 4¾c. to 5c. per pound, October-forward.

The market for soybeans on the Chicago Board of Trade was firmer in the main, with trading more active. Cash offerings were light throughout the week. Following is a price record, per bushel, for the week:—

	High.	Low.	Oct. 27.	Oct. 20.
Cash, No. 2.....	88¾	88	88¾	87½
October	87½	85½	88¾	85½
December	88¾	84½	87¾	84½

SAN FRANCISCO, Oct. 25.—Excepting for a flurry in sales of coconut oil during the week, the main attribute of the vegetable oils market here lately has been quietness.

BABASSU.—Babassu nut oil, 6½c. per pound in tankcars, f.o.b. mills, Pacific Coast.

OITICICA.—Raw, liquid oil quoted on the basis of 20c. to 21c. per pound in drums and/or tankcars, f.o.b. Pacific Coast ports for spot shipment or future delivery from Brazil. Cables indicate the possibility of working future shipments on a basis of 18c. to 19c.

COTTONSEED.—Cottonseed oil, domestic bleachable, is quoted at 7c. per pound in tankcars.

PERILLA.—Quoted at 13c. per pound in tankcars, f.o.b. Pacific Coast ports for prompt or deferred shipment, with moderate interest.

RAPESEED.—Refined and denatured oil, 8c. per pound in tankcars, f.o.b. Pacific Coast for forward shipment, with spot stocks scarce. Europe is reported to be buying at the source.

TEASEED.—A reported heavy shipment of olive oil to the United States appeared last week to be the cause of a weakness in teaseed oil. High acid oil is quoted on the basis of 12½c. per pound in drums, f.o.b. Pacific Coast ports.

Linseed Oil

Flaxseed markets irregular. Linseed oil and meal lower; cake unchanged.

Flaxseed — DULUTH, Oct. 27. — Even though general demand is not as brisk or

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

For Every Specification
Processed
Refined
Blown
Cooked
Sulphonated
VEGETABLE and FISH OILS
Perilla Oil
Soya Bean Oil
Sardine Oil
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broad as formerly, the undertone in flax in this market remains strong and at a firm level. Small daily arrivals are readily taken, and the cash basis has been changed to 10 cents over the Minneapolis December price for flax on track, and 9 cents over for flax to arrive.

During this week supplies of flaxseed at the Head of the Lakes showed a decrease of 162,000 bushels. Stocks in store here now amount to 1,259,000 bushels, as compared to 617,000 bushels at this time last year.

The week's closing price range was as follows:—

	Cash.	Dec.
Saturday	$1.83	$1.74
Monday	1.83	1.73
Tuesday	1.80	1.70¼
Wednesday	1.80	1.70
Thursday	1.79½	1.69⅝
Friday	1.78½	1.67⅝

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	164,234	38,989	2,079,110	.....
Since Aug. 1	3,270,544	1,462,111	2,349,384	735,779

MINNEAPOLIS, Oct. 27.—Flaxseed receipts during the past week were light and in good demand at firm prices compared with futures. Buyers tried to ease premiums without success. Local crushers have a fair supply accumulated and are well situated for the balance of the season. Eastern demand is good and prices at diversion points showed comparative strength. Something over 35 percent of the crop of the northwest has been moved and shipping advices are falling off steadily.

Moderate to light receipts are expected unless the trade pact with Argentina is completed. In that case many of the farmers will sell out seed reserves and the in-movement will be increased temporarily.

At any rate, there is a good demand for the day to day offers and prices are still firm compared with futures. Crushers are operating 100 percent of capacity in spite of dwindling shipping instructions on oil because they want to build up oil reserves. Elevator stocks are decreasing because of the liberal consumption of supplies. Loss in four days, 60,000 bushels; last year, 40,000 bushels.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.81	$1.74	$1.72
Monday	1.80	1.73	1.70½
Tuesday	1.77	1.70	1.67¼
Wednesday	1.77	1.70	1.67
Thursday	1.77½	1.69½	1.67
Friday	1.76½	1.68½	1.65

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	95,200	60,090	40,600	23,840
Since Sept. 1	2,973,600	1,509,630	989,400	160,130

WINNIPEG, Oct. 30.—The market for flaxseed was quiet. Prices were irregular with outside markets. The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.67	$1.64½	$1.63
Monday	1.65	1.62½	1.60⅝
Tuesday	1.61½	1.60½	1.56½
Wednesday	1.60	1.58	1.49½
Thursday	1.59	1.56⅝	1.51⅛
Friday	1.58⅛	1.58½	1.56½

BUENOS AIRES, Oct. 27.—Opening prices per bushel on November contracts were:—

	Last week.	Last year.
Saturday	$1.18½	$1.06⅝
Monday	1.17	1.06⅝
Tuesday	1.17⅜	1.05⅞
Wednesday	1.18½	1.05¼
Thursday	1.19⅝	1.05¼
Friday	1.20⅜	1.03¼

Exports

To—	Bushels		
	Last week.	Previous week.	Last year.
United States	138,000	118,000	469,000
United Kingdom	.....	.....	8,000
Continent	248,000	228,000	307,000
Orders	.....	.....	157,000
Others	.....	.....	.....
Totals	386,000	346,000	941,000

Since January 1

To—	Bushels	
	This year.	Last year.
United States	12,173,000	10,905,000
United Kingdom	2,220,000	1,134,000
Continent	21,343,000	20,874,000
Orders	8,078,000	8,271,000
Others	2,520,000	1,729,000
Totals	46,334,000	42,913,000

Visible Supply

	Bushels.
Last week	2,165,000
Previous week	2,362,000
Last year	2,550,000

Linseed Oil.—The market here was extremely quiet so far as new business was concerned, and competition among crushers remained keen. Quotations were reduced two points to the basis of 9.3c. to 9.5c. per pound in tankcars. The movement into consuming channels on unfilled contracts held up well despite the quietness of new business.

Cash flaxseed met with a good demand in Northwestern markets, with prices firm. Receipts were smaller and the indications seemed to point to a further shrinkage in the movement in the near future as marketing thus far this season has been unusually rapid and unsold stocks in the hands of farmers are believed to be small.

The area under flaxseed in Argentina was officially estimated at 7,662,000 acres. This compared with 7,410,000 acres in the first estimate, as was taken by some as indicating an exportable surplus for the new season of more than 65,000,000 bushels. There were no receipts of flaxseed at New York last week. India shipped nothing during the period.

MINNEAPOLIS, Oct. 27.—Demand for linseed oil is very quiet at the moment for various reasons. In the first place most of the consumers have a fair portion of their requirements contracted for and despite the stimulation of business by war talk the general situation is slowing down slightly. Large buyers are considering the Argentine new crop outlook and the negotiations for a trade pact with Argentina, which would mean quite a sharp decline in the flax tariff.

Shipping instructions still are good and the outflow of oil is heavy compared with last season figures.

Quotations on carload lots, f.o.b. Minneapolis, tankcars, 9.7c. per pound, cooperare, cars, 10.3c. per pound; warehouse lots, 19.7c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	3,180,000	1,476,597
Since Sept. 1	28,020,000	13,832,886

SAN FRANCISCO, Oct. 25.—Trading in linseed oil was reported very light all through the market, with an instance or two where it was indicated that a tankcar or so of oil moved into contract at around 8.9c. per pound. Deliveries are good. The market is quoted as follows:—Tankcars, 9.2c. per pound; drum lots, ex-mill, 9.8c.; drum lots, ex-warehouse, 10.2c.

CHICAGO, Oct. 27.—With buyers not evincing much interest in linseed oil at this time, prices have been seeking slightly lower levels. Tankcar, 9.7c. per pound; car lots, 9.3c.; less than carl lots, 10.7c.

Cake and Meal.—Meal was easier, quotations being shaded $1 per ton. Cake prices were held at previous levels. There was a somewhat better request for meal. Export trade in cake was quiet.

MINNEAPOLIS, Oct. 27.—Linseed meal is much slower and prices are down. Easy tone of grains and sharper competition from other concentrates tend to make the buyers very conservative and they are not taking hold very freely. Shipping instructions are only fair at best and are shrinking gradually.

It looks as though the crushers would be able to gather somewhat of a reserve supply for the really cold months.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $33 to $33.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	4,200,000	2,710,170
Since Sept. 1	41,600,00	21,758,710

CHICAGO, Oct. 27.—The linseed meal market is quiet but steady. Ruling prices:—Round lots, $34 to $35 per ton; car lots, $35 to $46; less than car lots, $37 to $38.

Cottonseed Oil

Local and Southern markets for cottonseed products were quiet. Changes in cottonseed oil futures here were moderate.

Cottonseed Oil.—Trading in refined oil futures in the local market was on a small scale much of the time last week, few traders being disposed to add materially to their commitments on either side of the account. There was nothing stimulating in the action of outside markets, and cottonseed oil operators apparently were disposed in many cases to adopt a waiting attitude pending further developments in political affairs abroad and at home, as well as in the general business and financial situation. Fluctuations in prices were generally within comparatively narrow limits.

An increase in the movement of seed to the mills was reported in parts of the South, but offerings of crude cottonseed oil continued light. Crude coconut oil was quiet and easier, offerings being noted at 3⅞c. per pound, a decline of ¼c. A downard trend in the market for lard futures was attributed to larger receipts of hogs. Arrivals of hogs in the principal Western centers for four days of the week aggregated 253,810 head, against 238,800 head in the same time last week, and 217,700 head last year. The weight of the hogs received in Chicago during the week ended October 21 averaged 223 pounds for barrows and gilts, against 219 pounds in the previous week; sows averaged 384 pounds. Slaughter supplies of hogs throughout the present marketing year, which began October 1, will be materially larger than last year, according to the Bureau of Agricultural Economics at Washington.

Lard compound was reduced ½c. per pound. Trade in that product was reported as fairly active. Domestic business in lard was also on a fair scale, but the export movement continued light. For the season from November 1 last to October 21 this year, however, exports of lard from Atlantic and Gulf ports for all foreign destinations were 171,031,326 pounds, or nearly 20,000,000 pounds more than in the same time last season. According to official statistics, production of lard in the United States during August was 91,676,000 pounds, against 74,192,000 pounds in August last year; consumption, 98,265,000 pounds, against 70,407,000 pounds. The quantity of cotton ginned for the season to October 18 was 8,874,814 bales, against 8,925,828 bales in the same time last season.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from October 21 to October 27, inclusive, comprised 261 contracts, a total of 15,660,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	6.92	6.79	6.85@6.88
March	7.07	6.92	7.01@7.02
May	7.19	7.01	7.09@7.12
December	6.89	6.72	6.80@6.82

Crude, Southeast, .05¾@.05⅞.

Chicago, Oct. 27.—Some additional easiness has appeared in the cottonseed oil market here. Buying not very active. Good, off-Summer, yellow fig oil is 7⅜c. per pound. Refined, edible oil is 9¼c. to 9½c., barrels, car lots; and 9¾c. to 10¼c., barrels, less than car lots.

Cake and Meal.—A steady tone prevailed in Southern markets, spot quotations showing little change. Offerings in all sections continued to be reported as light.

Markets at Other Centers

Atlanta, Oct. 25.—Prices of cottonseed products are steady as new seed enter into the markets in quantities. Harvesting is reported well advanced under favorable

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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weather conditions. Seed are reported in good condition with little probability that there will be any appreciable quantity off-colored.

Meal is quoted at southeastern mills at $26 to $26.50 per ton. Prime crude oil, 5.75c. to 5.80c. per pound.

Memphis, Oct. 27.—Crude cottonseed oil was quiet during the past week, the last business reported being at 5¾c., with that figure now bid. Meal quiet and steady at $25.50 per ton for 41 percent, Memphis basis. Bulk slap cake $23 per ton, Valley points, prompt shipment. Hulls $5 per ton at mill points. Weather continues favorable and the cotton crop is being rapidly gathered. Ginning returns indicate that the crop in this section will not turn out as large as estimated in the last government report.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	October 18.	October 26.
October	$25.00@25.50	$25.50@—
December	24.65@24.85	25.00@25.25
January	24.65@24.75	25.00@25.25
March	24.55@24.75	25.00@25.35

Fatty Acids

Capric Acid.—A firm tone continued to prevail. Business was on a fair scale, the movement to local and other consumers being sufficient to absorb the output.

Castor Oil.—This fatty acid continued to meet with a fairly active demand and the tone remained firm. Consumption in some lines is said to have increased recently.

Coconut Oil. — Raw material was easier, but the market for coconut oil fatty acid retained a steady tone. The inquiry from makers of soaps and shampoos was reported as good.

Myristic Acid.—There was a steady movement into consuming channels in the production of soaps and cosmetics. Prices were stationary and the tone appeared to be firm.

Red Oil.—Quotations were unchanged and the tone here apparently remained firm. Business lacked snap but there was a fair movement to local and other makers of textile compounds.

Stearic Acid.—The market retained a steady tone, previous selling schedules remaining in effect. There were reports of an increased movement to local and other buyers. The market for raw material was steady.

Markets at Other Centers

Chicago, Oct. 27.—The market for fatty acids has been quiet, but the tone is firm.

FATTY ACIDS.—Corn oil, double distilled, 9c. to 9¼c. per pound, tankcar; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; coconut oil, acidulated, 10c. to 10¼c. per pound, tankcar, mostly nominal; 10½c. to 10¾c., barrels, car lots; 11c. to 11¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4¾c.; cottonseed foots, 50 percent basis, 2c. to 2½c.

STEARIC ACID.—Distilled, single press, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

Fish Oils

Menhaden.—Quotations on refined oil were stationary and the tone of the market appeared to be steady. Business lacked snap. A fair volume of orders was received in some quarters, but purchasing was generally limited to comparatively small or moderate quantities to fill the current needs of consumers.

Sardine.—A steady tone continued to prevail in the local market for refined oil, quotations being maintained at previous levels. There was a fair inquiry though consumers were not inclined to purchase ahead.

Whale.—Prices on refined oil were held at the levels ruling in the previous week, with the tone of the market steady. Trade was fairly active in a jobbing way.

Markets at Other Centers

Baltimore, Oct. 25.—Trading in menhaden oil here is at a standstill except for the sale of a single drum at 33½ cents per gallon, which was accomplished during the past week. There is little or no free oil in the warehouses of the fishing companies down the Chesapeake Bay, and supplies elsewhere are stated to be scarce. In fact, it is considered doubtful if the producers will be able to fill all of the contracts for oil booked prior to the start of the fishing season, so that there is little prospect that any considerable quantity of oil can be obtained even at prices higher than those which now prevail. The fishing in waters tributary to the Chesapeake Bay factories last week dropped to low proportions on account of the weather, but according to reports the companies will continue operations so long as there is any prospect of making hauls of any size. The vessels are expected to work in the waters down the boundary of North Carolina. So far the menhaden have not appeared off the North Carolina coast in any numbers, and the fishermen there are doing little or nothing at all, but they may become busy before long. For the present no talk of the Chesapeake Bay concerns cutting out has been heard.

San Francisco, Oct. 25.—The two-month void period in fishing operations in and around San Francisco Bay appears to have been practically nullified, with the sardine catch going ahead at top speed here, to the extent that for the period ending October 20, the catch for California was nearly up to the deliveries of the same period a year ago, according to information from tonnage records sent out to the trade yesterday by the California Sardine Products Institute.

At the same time the market remained about steady during the week, with further sales of oil reported on the basis of 33c. Some oil was said to have been placed at a half-cent higher, although the best bids obtainable here this morning are on the basis of 32c., and neither side is making much of a move to do business.

It is reported that there are about 1,200 tankcars of oil now in contract out of California production.

With catches of sardines going ahead at times at almost a furious pace, the tonnage reported into the plants by October 20 amounted to 119,546, against 126,691 tons reported a year ago on that date. That this situation is remarkable is shown by the fact that reduction operations in San Francisco Bay didn't get started until after the first of this month and there was a complete void between that period and August 1, when the season opened officially. Two months were consumed in an embroilment with labor, over wages at first, and then when the market advanced, over the matter of union control, producers meeting with the unions' wage requirements as soon as the oil market warranted.

California production will really be in full swing after November 1, when the southern California section opens up legally. The industry is said to be primed to go and the first boats will probably proceed with fishing on the opening day, according to information from the south. It is reported that oil sales out of the southern market have been slow lately.

Last week, in the combined Monterey-San Francisco districts, a total of 39,364 tons of raw sardines were turned into the shore plants, a catch regarded as very sizeable.

Fats and Greases

Grease. — A steady tone prevailed here, quotations generally being held at the levels ruling in the previous week. There were reports of a somewhat better inquiry for moderate quantities.

Lard.—Cash lard quotations had a downward trend at times, the tone of the market being influenced by developments in futures in the West. The export inquiry was fair, although clearances on old contracts showed a falling off. Domestic trade was along conservative lines. Hog receipts were liberal.

Stearin.—There were no new developments in the way of price changes, the market being steady at the reduction announced in the previous week. There was a fair inquiry.

Tallow.—The tone of the market was regarded as steadier. Some improvement was noted in the inquiry from local and other buyers. According to reports current, the volume of business closed during the week showed a considerable increase over recent preceding periods. Advices from the West and other outside points reported a steady tone and a fairly active trade.

There was no trading in tallow futures on the New York Produce Exchange from October 21 to October 27, inclusive. Following is a price record for the week:—

	Cents per pound in tanks—High.	Low.	Close.
March	...	...	6.00 bid
December	...	...	6.00 bid

Markets at Other Centers

Chicago, Oct. 27.—Trade in the cash lard market has been fairly substantial here recently.

The range of lard quotations from the opening, Saturday, October 21, to the close, Friday, October 27, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.85	$6.85	$6.42	$6.42	$6.65
October	6.60	6.60	6.30	6.37	6.60
December	6.65	6.65	6.35	6.45	6.65

TALLOWS (tierces).—Edible, 6½c. to 6¾c. per pound; prime, 6¼c. to 6½c.; fancy, 6¼c. to 6½c.; special, 6c. to 6¼c.

GREASES (tierces).—Choice white, 6½c. to 6¼c. per pound; A white, 5⅞c. to 6c.; B white, 5¾c. to 6c.; yellow, 10-16, 5¾c. to 5⅞c.; yellow, 16-20, 5½c. to 5¾c.; brown, 5¼c. to 5½c.

STEARINS (barrels).—Prime oleo, 8¾c. to 9c. per pound; lard, packaged, 7¾c. to 8c.; white grease, 6c. to 6½c.; yellow grease, 5⅝c. to 5¾c.; oleo stocks, 10¼c. to 10½c.; No. 2, 10c. to 10¼c.

Animal Oils

Degras.—The market retained a firm tone, prices being maintained at the upward revision announced in the previous week. There was a fairly active inquiry. Supplies of spot material appeared to be light.

Lard. — Quotations were stationary and the tone of the market appeared to be steady. Business lacked snap, but there was a fair movement of moderate lots of all grades.

Neatsfoot.—No broadening of trade was noted, but there was a fairly active request in a jobbing way. The prevailing tone was steady.

Oleo.—There were no further developments in the way of price changes, quotations being held at the reduced levels announced in the previous week. Business was on a fair scale.

Markets at Other Centers

Chicago, Oct. 27.—Trade in animal oils has been comparatively substantial recently.

LARD.—No. 1, 9¼c. to 9½c. per pound.
OLEO.—No. 2, 10¼c. to 10½c. per pound.
TALLOW.—Acidless, 8½c. to 8¾c. per pound, tanks; and 9½c. to 9¾c., drums.

Waxes

Bayberry.—The market was strong at 38c. to 39c. per pound, and in most respects it was a nominal price because of a total lack of normal supplies. There were a few lots available, but they were small in the aggregate.

Bees. — Bleached and refined wax were very firm in price. Demand for bleached material was reported very good and added to the strength which a comparatively high cost of raw material created some time back. It was a sellers' market in every respect.

Candelilla.—Demand continued active, lack of normal supplies of competing waxes causing continued activity in this item. Prices were very firm.

Carnauba.—Prices continued strong in a virtually nominal market. The shortage of yellow wax was acute and has accounted for sales around 78c. and 80c. per pound. Those figures compared with a market at 42c. per pound just before the war began. Chalky and No. 3 North country were priced respectively at 43c. and 44c. per pound. Demand was in excess of sellers' ability to meet.

Palm Nut Crushing Plant Moved to Ala. by Shell Co.

Mobile, Ala., Oct. 27, 1939

The Pan-American Shell Corporation is moving its palm nut crushing plant from New Jersey to Mobile in order to be near the supply of Cohune palm nuts from British Honduras. The concern will manufacture a variety of products here including vegetable oil and activated carbon for gas masks. The concern which has a tropical operations branch in Honduras will maintain its headquarters in New Jersey, announced Karl M. Jones, president.

Cod oil standard for oil to be used for sulphonation has been published by the British Standards Institution. Copies may be obtained at the office of the institution, 28 Victoria street, S. W. 1, London, England, at 2 shillings each; postage is extra.

Trade Briefs

Soybean products manufactured in Canada amounted to 2,614,085 pounds in 1938.

New Jersey Oil Trades Association will hold its annual meeting and banquet in the Robert Treat hotel, Newark, December 7.

Filtrol Corporation, clay products, is building a frame storage building at 1755 Downey Road, Los Angeles, Calif., at a cost of $6,000.

David J. Bunnell, of the Central Soya Co., Inc., soybean processors, Chicago, has applied for associate membership in the New York Produce Exchange.

H. J. Aldrich, secretary and assistant treasurer of Spencer Kellogg & Sons, Buffalo, has been elected a vice-president of the National Safety Council.

Frank Dowe, jr., sales manager of American Research Products, Division of General Mills, Inc., has been elected vice-president in charge of sales, with headquarters in New York.

Andiroba (Carcepa) nuts and oil have been held by the Bureau of Customs to be entitled to free import entry into the United States under paragraphs 1727 and 1732, respectively, of the tariff act.

Japan's Imported Chemical Stocks Nearly Depleted

OPD Washington Bureau
October 27, 1939

Japan's stocks of foreign chemicals have been allowed to fall to a minimum, and even a temporary dislocation of imports will restrict the activities of certain industries, according to advices received by the Department of Commerce from the American commercial attache in Tokyo. Official statistics show that imports of chemicals and allied products valued at $27,000,000 in the first six months of 1939 were 20 percent less than the corresponding figures for the first six months of 1938, and 46 percent less than the corresponding figure in the same 1937 period. Exports of chemicals and allied products during the first half of 1939, valued at $21,000,000, were 22 percent greater than in the first half of 1937 and 55 percent greater than in 1938.

The possible effects of the cessation of certain chemical imports from various European countries and their overseas possessions is being studied by the Japanese government. In the event that United States trade with Japan continues unrestricted, it is certain that an effort will be made to shift to American sources of supply for certain industrial chemicals, coaltar dyes, and other synthetic organic products.

Gowdy Joins Elbert & Co.

Thomas F. Gowdy, formerly affiliated with the National Oil Supply Company, Newark, N. J., has become associated with Elbert & Co., this city, as a broker in chemicals, oils and fats. Elbert & Co., a member of the New York Produce Exchange, has been established since 1892.

Swift to Erect Soybean Plant

Swift & Co., Chicago, plans the erection of a soybean processing plant in Fostoria, Ohio. The plant, the site for which has already been purchased, was expected to call for an expenditure of $200,000.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and grease (under Grease) are given in the alphabetical list of prices beginning on page 7

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Beehive Brand BEESWAX
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PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
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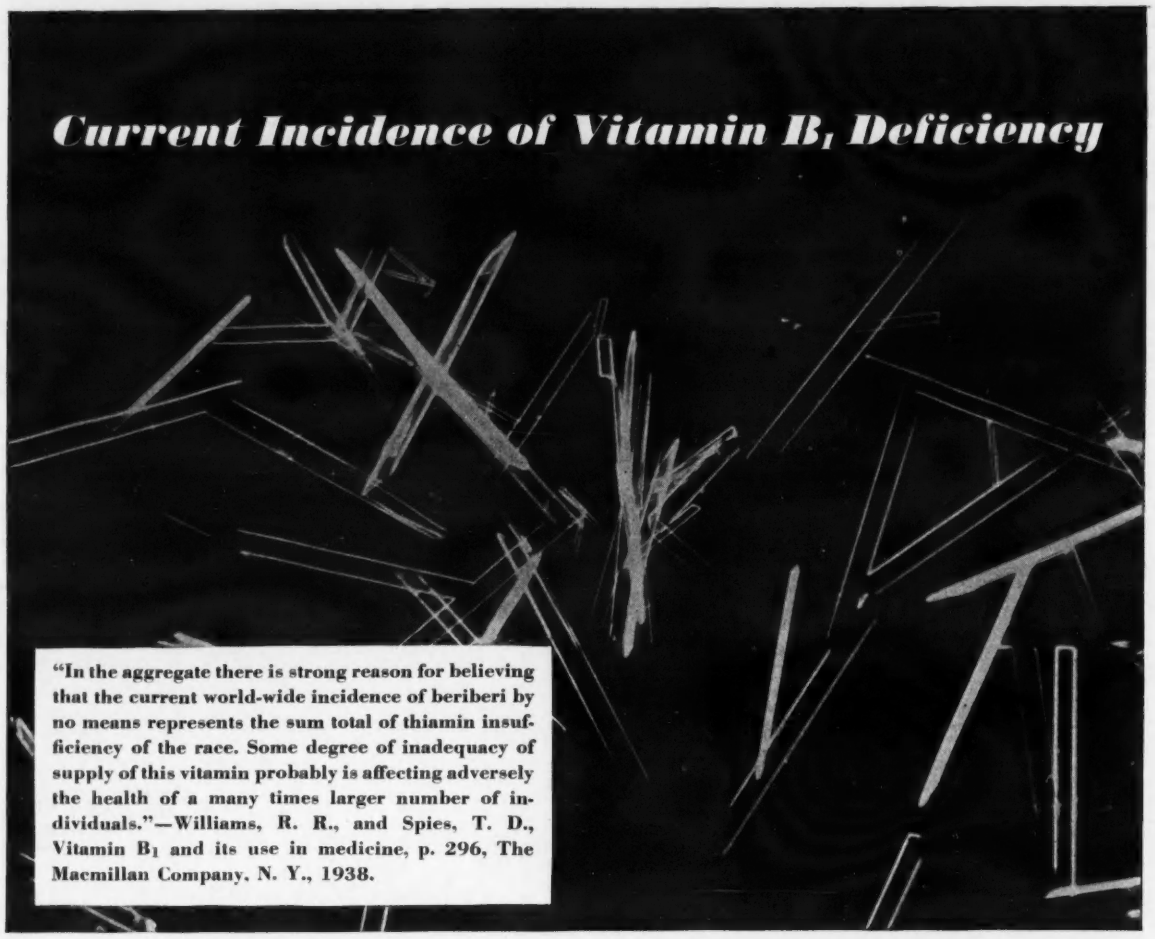
Current Incidence of Vitamin B_1 Deficiency



"In the aggregate there is strong reason for believing that the current world-wide incidence of beriberi by no means represents the sum total of thiamin insufficiency of the race. Some degree of inadequacy of supply of this vitamin probably is affecting adversely the health of a many times larger number of individuals."—Williams, R. R., and Spies, T. D., Vitamin B_1 and its use in medicine, p. 296, The Macmillan Company. N. Y., 1938.

The consensus of investigators who have devoted considerable study to nutritional problems supports the expressed opinion that subclinical or borderline states of vitamin B_1 deficiency are much more prevalent than was formerly assumed.

Such deficiencies may arise not only from an inadequate dietary or impaired absorption, but also from an increased requirement for the vitamin as a result of greatly augmented metabolism in febrile conditions, hyperthyroidism, or vigorous muscular exercise.

Progressive manufacturers, aware of the increasing recognition of mild, chronic vitamin B_1 deficiency, are ensuring a desirable vitamin B_1 potency in their preparations by incorporating adequate amounts of the pure crystalline substance.

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Drugs, Fine Chemicals

Synthetic Methanol Contracts Being Written at Unchanged Prices for the First Quarter of 1940 — Chloral Hydrate Advanced—Barbital Higher—Quicksilver Quiet

Price stability was the feature in the market for drugs and fine chemicals last week. Undertones were very firm and full maintenance of price schedules was noted. Of importance was the fact that beginning today makers of pure synthetic methanol began to write 1940 contracts.

Demand of seasonal sort was added to the already excellent call for merchandise in general. Items of seasonal importance during the Winter period have come to life and it seemed likely that the broadening of consumer interest would be steady from now on.

A notable feature to sales was the effective way in which the leading manufacturers confined them to actual consumers as distinct from those willing to engage on speculative ventures in hope of making unusual profits because of the European war. It was clear that such buyers were being eliminated to the fullest extent possible and that should mean that manufacturing consumers may feel sure of there being sufficient merchandise to cover all their regular requirements.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Barbital, 25c. per lb.
Chloral hydrate, 10c. per lb.
Isopropyl acetate, 9/10c. per lb.

Reduced

Quicksilver, $5 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
195.2	195.4	194.2	182.6

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Acetylsalicylic.—Some gain in sales was noted, the improvement being of seasonal sort.

Acid, Citric.—Trade was confined to relatively smaller needs usually developed at this season of the year.

Acid, Tartaric.—The market was strong. The position of raw material guaranteed the total lack of anything but strength in the prevailing price schedule. The tendency was upward for the same reason. Demand was very good. Exports from France increased to 2,073 metric quintals in the first half of 1939. Of these shipments, 1,218 metric quintals went to French colonies.

Alcohol.—The spot market was firm and active. Shipments on contracts showed rising manufacturing requirements of industrial consumers, and on the whole the market was sounder than it had been for a considerable period of time. Stricter adherence to official price schedules was generally reported and was a sign of the elimination of the excessive competition that governed in the recent past. Stocks at the end of September showed a substantial amount from those in hand at the end of August. Comparative statistics on pure and denatured ethyl alcohol for July-September in 1939 and 1938, as prepared by the Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Ethyl Alcohol

	Proof gallons— 1939.	1938.
Production	54,287,014	49,550,606
Withdrawn, tax paid	5,731,415	4,913,093
Tax free	53,371,230	43,768,616
Stocks, September 30	25,913,234	32,736,552

Denatured Alcohol

	Wine gallons— 1939.	1938.
Completely		
Produced	3,225,329	5,407,795
Removed	3,191,370	5,239,116
Stocks, September 30	685,736	862,733
Specially		
Produced	26,026,935	18,305,789
Removed	26,198,181	18,176,331
Stocks, September 30	1,090,504	600,593

Bonded Dealers

	Wine gallons— 1939.	1938.
Specially denatured—		
Received from denaturing plants	887,622	808,098
Disposed to bonded manufacturers	957,019	824,474
Inter-dealer shipments	15,198	10,533
Stocks, September 30	304,649	262,580

Aloe.—Prices were strong at home and in the primary market. Lack of important surplus stocks was a contributing element in the situation but lack of competition was also an important factor.

Aloin.—Steady prices that appeared well stabilized since the recent advance prevailed throughout the past week, reflecting the present high cost of production. Demand was normally active.

Barbital.—Quotations have been advanced to $3.25 to $3.35 per pound, ruling according to quantity. Business was reported up to normal volume and added to the firmness of the position.

Bismuth Metal and Salts.—Business was good and gave to spot prices an underlying tone of real strength. Buyers traded freely and their needs seemed to be rising considerably.

Cadmium Metal and Derivatives.—Demand for metal ran high and the market position was strong throughout the past week. Unsold stocks were at a minimum. All derived products reflected fully the position of the raw material.

Castor Oil.—Demand was excellent. Shortage in tung oil has accounted for an increased purchase of dehydrated material and coupled with the comparatively high cost of raw material, tended to keep quotations strong on all varieties of this oil.

CHICAGO, Oct. 26.—Demand is reported to be holding up fairly well for c.p. castor oil. Inquiries have indicated that there is a considerable reserve buying power in waiting. There is no evidence of any over-buying at this time. Ruling prices are:—No. 1, barrels, car lots, 11⅝c. per pound; barrels, less than car lots, 12¾c.; returnable drums, car lots, 11⅛c.; drums, less than car lots, 12¼c.; tanks, 10⅝c.; No. 3, barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; returnable drums, car lots, 10⅝c.; drums, less than car lots, 11¾c.; tanks, 10⅛c.

Chloral Hydrate.—Quotations were advanced 10c. per pound. This was the first change in quotations since 1933 and was accounted for by prevailing production costs as well as the excellence of demand. The minimum quotation last week was 90c. per pound in 1,000 pound lots. See Prices Current for the full schedule as to quantities and packing.

Cinchophen.—Undertones were very steady and prices were apparently firm and well maintained under the influence of an excellent demand from manufacturing consumers.

Codeine.—Improvement in demand was in the offing. Seasonal expansion in requirements was almost at hand. The market was fully stable and with ample stocks of raw material assured, sellers did not expect any change in the prevailing schedule.

Codliver Oil.—Demand was good, but was also less active and aggressive than it was at the outbreak of the war. Fair stocks were in the hands of buyers and it seemed likely that actual requirements would be fully protected.

Cream of Tartar.—The high cost of raw material counted much in the maintenance of full schedule prices on this article. Movement was well up to that in recent weeks. Indeed, some reported a higher consumption.

Ephedrine.—Fully firm prices prevailed. Demand was good and was expected to show expansion as the Winter period gets underway. Little competition was noted in local circles.

Glycerin.—Stable prices and demand continued. Refiners confined sales to regular customers and refused to entertain proposals of "outsiders" suspected of speculative intentions. There is plenty of glycerin for actual consumers.

CHICAGO, Oct. 26.—The c.p. glycerin market is steady and buying continues to be rather along routine lines. Other grades of materials, too, are firm. Buyers are placing orders for amounts that compare well with those recently noted. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, drums, less than car lots, 11¾c. per pound; drums, car lots, 12c.; drums, less than car lots, 12½c.

Menthol.—Although open quotations lacked change, it was intimated that with firm orders in hand the current quotations could be bettered by 5c. per pound.

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

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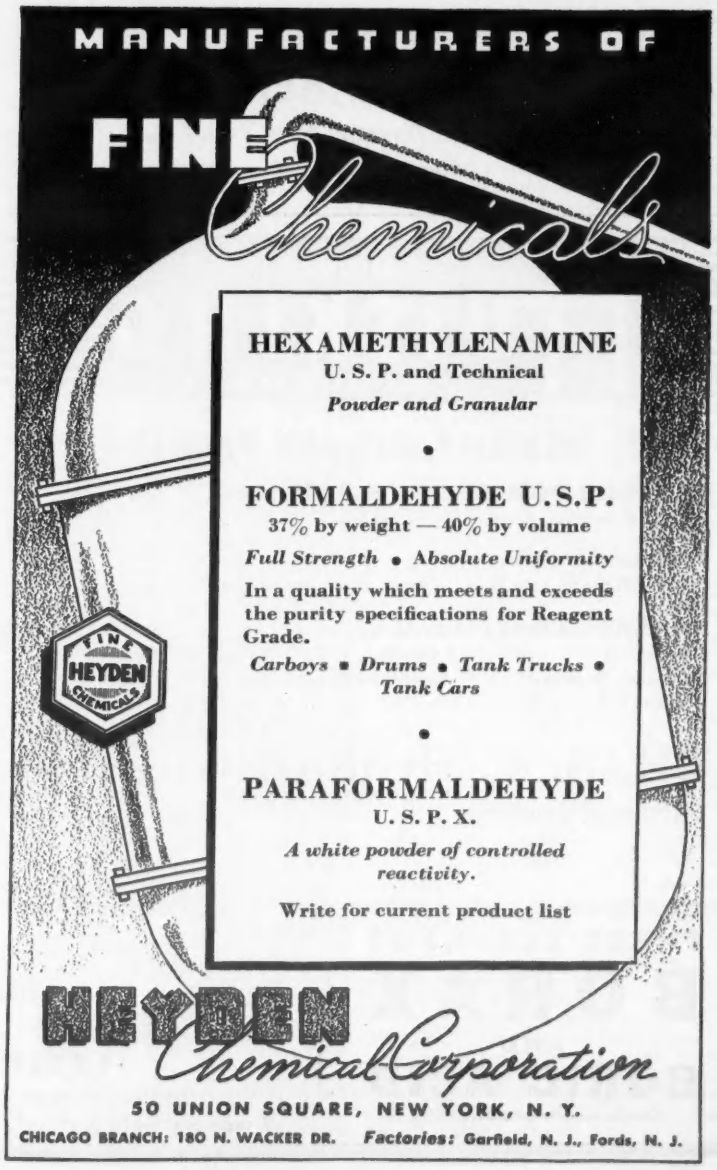
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Mercurials.—The market was steady, but lacking in developments likely to affect the price structure at an early date. Consumers of quicksilver were reported getting all the metal required. Demand for mercurials was maintained well at normal volume.

Methanol. — Manufacturers of pure synthetic methanol started writing 1940 contracts today. No change in prices was made and the contracts will include the usual quarterly adjustment clause with the prices being guaranteed through the first quarter of 1940.

Quicksilver.—Prices were lower at $140 per flask, done and inactivity on spot tended to create the impression that undertones were moderately easy. Imports during the first eight months of this year totaled 16,929 pounds, according to the Department of Commerce.

SAN FRANCISCO, October 25.—Quicksilver for the most part is resting, with neither side of the market making any particular effort to do business, following the placement of contracts recently which have taken up considerable of the Western production over the next several months. It is presumed that most consumers have fairly well protected their requirements and as sellers evidently have but little metal to offer, the situation has reverted to one of quietness. Last week some spot metal went into sale here at a reported price of $135 per flask and further moderate quantities could probably be had on this basis. Inquiries from the East Coast are of a fairly light nature.

Quinine.—Steady consumption at a rising rate was reported and prices continued well stabilized and free from change. Imports of sulphate in the first eight months of this year totaled 586,016 ounces; other cinchona bark derivatives, 1,235,692 ounces.

Silver Nitrate—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	27⅞	35¼	23⅛
Monday	27⅞	36⅛	23⅛
Tuesday	27⅞	36½	23⅜
Wednesday	27⅞	36¼	22⅝
Thursday	27	35	23⅜
Friday	27	34¾	23⅛

C. Frailey, Jr., to Lecture On Drug Laws at Temple

Philadelphia, Oct. 27, 1939

Carson Frailey, jr., Washington, has been appointed lecturer in pharmaceutical law in the School of Pharmacy of Temple University, Philadelphia.

Mr. Frailey is a son of Carson P. Frailey, executive vice-president and secretary of the American Drug Manufacturers' Association. He is a graduate of Johns Hopkins University and of the Law School of the University of Maryland. Mr. Frailey will outline the fundamental legal concepts which concern pharmacy students as prospective practitioners.

Brewer Heads Group to Study USP Method on Sulfanilamide

W. O. Brewer, manager of bulk sales for the Calco Chemical Company, Bound Brook, N. J., is chairman of a committee investigating the United States Pharmacopeia method for determining the purity of sulfanilamide. The appointment was made by the contact committee of the American Drug Manufacturers' Association and the American Pharmaceutical Manufacturers' Association.

The other members of the committee are:—J. J. Kennedy, of the Maywood Chemical Company, Maywood, N. J.; Dr. J. F. Ross, of the Mallinckrodt Chemical Company, St. Louis, Mo.; L. A. Watt, of the Monsanto Chemical Company, St. Louis; Mr. Seif, of the William S. Merrill Company, Cincinnati, and Mr. Miller, of Lakeside Laboratories, Milwaukee, Wis.

Synthetic Methanol Prices Extended to 1940 by DuPont

E. I. du Pont de Nemours & Co., Wilmington, announced that contracts for 1940 for pure synthetic methanol will be submitted to the trade October 30. There will be no change in price; contracts will include the usual quarterly adjustment clauses with price guaranteed through the first quarter of 1940.

Eazo Chemical Corporation, this city, has filed a certificate of voluntary dissolution in the office of the Secretary of State.

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DCAT Challenged N.Y. Trade Board Vote

—Continued from page 3

October 11. Nevertheless, he said, the resolution was offered for a vote at the meeting and was passed by a quick, unrecorded vote of 17 to 14, out of an attendance of several hundred. The executive committee of the section regarded this action as in violation of the by-laws of the board; believed that the passage of the resolution was without fair representation of the views of the members of the board; and by unanimous vote of eighteen members—the other seven not being able to be present—challenged the validity of the vote by which the resolution had been passed and asked that the question be laid before the entire membership of the board, and the vote of 50 percent of the members be required.

Mr. Dinkins said that in response to the action of the section's executive committee, the directors of the parent board by a vote of 16 to 9 rescinded the adoption of the resolution and had submitted the question on a ballot to all the members. Because this ballot did not include a question of whether the members believed that the board should take action on the neutrality question, Mr. Dinkins said that those who believed such action to be unwise were obliged to vote against the resolution. He made no attempt to influence the members in this respect, but sought, he said, only to have the matter settled by a valid vote.

Mr. Barry pointed out that the vote on the ballot submitted to all members was to close October 24, and said that those who desired to vote while in Skytop could do so by marking their ballots and handing them in sealed envelopes to Ray Schlotterer, secretary of the section, or M. D. Griffith, secretary of the board, who were present.

No formal action by the section's meeting was asked or taken.

J. J. Toohy, of E. R. Squibb & Sons, as chairman of the committee on membership, presented a short report of progress and asked all those present to assist his committee in maintaining the successful endeavors to increase the membership.

Several resolutions were presented at request by Carl Anderson, chairman of the legislative committee. One of these asked that representation of drug manufacturing on the New York State Board of Pharmacy be requested because of the supervision given to the

Ralph E. Dorland
Arranger of Skytop Meeting

in such pleasant places and in such pleasing circumstances, he was "for it."

Interest in the business sessions was well sustained. The speaking and discussing program was under the direction of Thomas R. Farrell, of *Drug and Cosmetic Industry*, who introduced the several speakers and their topics and specifically and generally invited discussion from the floor.

Medical Care

Changes in public thought require that the matter of medical care, as well as many others, now be given consideration in keeping with various trends, said Dr. Terry M. Townsend, president of the Medical Society of the State of New York. The expressed demand for a better distribution of medical care board over manufacturing and wholesaling under the new drug and cosmetic law. After a brief discussion, this matter was referred to the executive committee.

A second resolution, adopted by the meeting, commended the work of the National Drug Trade Conference and expressed the desire that circumstances might be so shaped as to permit closer co-operation and co-ordination of the work of the section with that of the conference.

The meeting also adopted a resolution opposing the negotiation of any more reciprocal trade agreements between the United States and other nations during the existence of uncertain and emergency world conditions.

Representatives of a number of other drug trade organizations attended the meeting. Among those who extended

Philip M. Dinkins
Explained Neutrality Matter

greetings and discussed possibilities and plans for cooperation were Carroll Dunham Smith, for the American Pharmaceutical Manufacturers Association; S. C. James, for the Federal Wholesale Druggists Association, and Dr. E. L. Newcomb, for the National Wholesale Druggists Association. Mr. James sounded what might well be called the keynote of the meeting when he said that, in spite of much talk and warning about how business was being ruined by this, that, and some other agency or circumstance, if ruin meant meeting comes, not from the public, he said, but from those who favor extension of governmental functionings—seeking a part therein—and is in common with many other demands of pressure groups.

Dr. Townsend gave an instructive summary of the debilitation of democracy by the growing trend toward governmental subsidies and other forms of help. He saw in the demand for politicalized medicine a greater danger for democratic principles than for the medical profession or the drug industry. He deplored the citizen's abdication of the rights reserved to the people in the constitution, and he urged a broadly undertaken campaign of education to make clear to all the ultimate outcome of leaning on government.

Dr. Townsend explained the movement furthered by the medical profession in many localities for the establishment of voluntary health insurance plans, whereby the public, by making small periodical payments, is enabled to provide funds for medical care. The value of this to the middle class was emphasized by the speaker.

Various aspects of the topic of medical care were discussed by Dwight Anderson, director of public relations for the Medical Society of the State of New York; Hugh Craig, of the OIL, PAINT AND DRUG REPORTER; Dr. E. L. Newcomb, of the National Wholesale Druggists Association; C. D. Smith, of the Carroll Dunham Smith Pharmacal Company; Ray Schlotterer, secretary of the section, and Turner Currens, of the Norwich Pharmacal Company.

International Economy

The influence of intangibles on plans to readjust international trade relations was explained by Dr. Amos E. Taylor, of the Division of Finance of the United States Department of Commerce. The present position of the United States as a net creditor among nations was discussed as a factor in the development of

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trade balances, and the speaker made the point that, because of United States excess buying of services—shipping, insurance, travel, and so on—it might be possible to have an export goods excess but a balanced foreign trade.

Dr. Taylor discussed also the world relativity of the supply of gold in the United States, pointing out the possible effects of this in connection with

Turner M. Currens
Director of Nongolfing Contests

buying by foreign countries in this country, and eventually on the selection of a monetary base.

Distribution Costs

Dr. J. Frederic Dewhurst, economist for the Twentieth Century Fund, told about the study of distribution costs on which the fund's committee recently published a report. This study was devoted chiefly to wastes in distribution and possibilities of their elimination. It had been difficult to define wastes, but indications were found that savings might be effected.

Distribution costs represent 59 cents of the sales dollar, Dr. Dewhurst said; but only a small part of this—3 cents—is net profit; the remainder is the cost of operating, including services which have come to be a demanded part of the distributive function. Distribution cannot be simplified, as production has been, because it contains too large a proportion of the human element. Distributors and buyers are both responsible for the costliness of distribution, he said; and both hold the potentialities of improving this factor.

Before the introduction of massed and centralized production, the producer functioned largely as distributor, and so did the consumer, who also was a substantial producer of finished goods, buying intermediate materials and doing his own delivering. The present system of distribution evolved from the older one under pressure of circumstances, largely the disadvantages of mass production in the wide separation of producer and consumer.

Bachrach

John A. Chew
Welcomed DCAT's to Skytop

War Orders

Basic economic differences between 1914 and today were outlined by Prof. Edward C. Acheson, of George Washington University, to support his opinion that the United States could not expect to get a great volume of war orders from Europe. The belligerents who can buy here, he said, are so much better prepared than in 1914 that they have relatively little need to buy.

In Professor Acheson's opinion, it would not be unwise for American business to concentrate on its domestic problems. He did not feel that the possible trade to be done abroad, even in the event of a prolonged war, could be so important as the things actually to be done at home.

Victor E. Williams
Arranged Skytop Banquet

Entertainment Features

Entertainment, as usual, was a large part of the meeting. It was also a good part, starting in the evening October 19 with a "get-acquainted" or "meet-again" cocktail party and buffet supper.

A new and enjoyable feature was the tournament for nongolfers after dinner October 20. Turner Currens, long an advocate of this innovation, conducted a dozen or so contests in skill and luck and awarded a generous aggregation of prizes. Members of the party con-

Some few ladies played in the card games, awarding the strenuous efforts of A. A. Wasserscheid struggling against the call of the outdoors. There was a better attendance at the ladies' putting contest, and the appearance of a "ringer" increased, rather than dampened, the popularity of that event. The winners were:—First, Mrs. C. Lucky Bowman; second, Mrs. H. G. Mackelcan; third, Mrs. W. F. George; supernumerary, "The Unknown."

Nongolfers crowded the links for the qualifying round October 20 and for the tournament the next forenoon. Fourteen of the many performed or guessed sufficiently well to win prizes, as follows:—

Class A.—Low gross, Walter Buehler, of the Barrett Company; low net, Melvin C. Eaton, of the Norwich Pharmacal Company; second low net, Joseph A. Huisking, of Fritzsche Brothers, Inc.

Class B.—Low gross, Ralph E. Dorland, of the Dow Chemical Company; low net, Charles H. Berle, of Innis, Speiden & Co.; second low net, Alfred J. Higgins, of Zinsser & Co.

Class C.—Low net, J. J. Reiner, of the Lehn & Fink Products Company.

Closest to pin on one-shotter, N. Harold Fyffe, of the Oldbury Electro-Chemical

Kicker's Handicap.—First, W. F. George, of *Chemical Industries;* second, H. R. Prior, of the Prior Chemical Corporation; third, H. Gordon Mackelcan, of Innis, Speiden & Co.; fourth, B. F. Sheehan, of the Grasselli Chemical Department of E. I. du Pont de Nemours & Co.; fifth, Frank W. Green, of the National Aniline & Chemical Company; sixth, J. P. Remensnyder, of the Heyden Chemical Corporation.

The ladies had a golf tournament also. Mrs. J. H. McShane had the lowest score on the selected nine holes; Mrs. Joseph A. Huisking won the kicker's prize.

Botanical Drugs, Spices, and Gums

Leveling Off of Botanical Demand Brings Return of Competition and Recession of Some Peak Prices — Inventories Down Sharply Basic Conditions Unchanged

A tendency toward downward reactions in some prices was noted in the market for botanical drugs last week. With the leveling off of consuming demand there appeared to have developed a more competitive spot market and the result was that some of the peak points reached by prices were whittled down to some extent.

Basically, everything but actual demand remained an argument in favor of the maintenance of high replacement costs. While it seemed probable that exports from Central Europe would gradually increase—always barring the possibility of Italy engaging in the war as a partner of Germany. In the latter event, Italian ports from which botanical exports still can be made would be closed.

Another unaltered argument for high replacement costs was the fact that Central European shippers realize full well that normal production next Summer may be impossible and hence stocks actually in hand now appeared to be valuable property.

Finally, there is the matter of ocean freight rates, war risk insurance, and availability of cargo space in the reduced number of vessels now engaged in trade with this country. These were factors certainly not arguing in favor of a substantial increase in spot inventories. The latter have been sharply reduced by heavy selling since last September. Rebuilding them in a major sense was a job subject to all the vicissitudes resulting from war.

Notwithstanding these basic factors making for price strength, the leveling off of high demand was a factor in bringing out some lower prices and injecting more competition in local transactions.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	123	2,167
Belladonna	...	260
Caraway	1,864	23,159
Cardamom (cases)	32	1,099
Celery	...	1,786
Coriander	195	11,672
Cumin	278	3,327
Digitalis leaves (cases)	...	...
Dill	...	1,026
Fennel	421	1,455
Henbane leaves (bales)	...	126
Mustard	...	23,792
Poppy	...	25,012
Sage leaves (bales)	45	2,764
Sesame	3,050	15,165
Stramonium	299	389
Thyme	40	1,081

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coltsfoot leaves, 1c. per lb.
Euphorbia herb, 3c. per lb.
Lavender flowers, select, 50c. per lb.
medium, 50c. per lb.
ordinary, 50c. per lb.
Malva flowers, blue, 5c. per lb.
Rhubarb root, 2c. per lb.
Squaw vine, 2c. per lb.
Senega root, 10c. per lb.
Valerian root, 5c. per lb.

Reduced

Aconite root, 5c. per lb.
Arnical flowers, 30c. per lb.
Buckthorn berries, 5c. per lb.
Belladonna, 5c. per lb.
Cocillana bark, 8c. per lb.
Chamomile flowers, Hungarian, 10c. per lb.
Calamus root, split and peeled, 2c. per lb.
bleached, 5c. per lb.
Celery seed, French, 5c. per lb.
India, 2c. per lb.
Fleaseed, India, 1c. per lb.
Fish berries, 2c. per lb.
Gentian root, 2c. per lb.
Lycopodium, 25c. per lb.
Larkspur seed, 10c. per lb.
Lemon peel, 2c. per lb.
Malva flowers, black, 5c. per lb.
Orange peel, bitter, 1c. per lb.
sweet, 2c. per lb.
Pepper, red, Mombassa, 2c. per lb.
Japanese, 2c. per lb.
Poppy flowers, red, 15c. per lb.
Papain, powdered, 10c. per lb.
Pimento, ½c. per lb.
Stavesacre seed, 5c. per lb.
Sage, Dalmatian stemless, 3½c. per lb.
garden, 3c. per lb.
Senna, T. V., 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.6	**185.1**	**182.0**	**181.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Fir.—Canadian balsam was strong at $12.75 to $13 per gallon, reflecting a higher export price in the primary market. Oregon balsam was priced at $1.10 to $1.15 per gallon.

Peru.—Undertone continued steady and prices held firm at the peak of the several advances made since the beginning of the war. Demand was normally active.

Barks

Buckthorn.—Prices held all of the recent advance and seemed likely so to remain since regular exports from the primary market were uncertain. Cut and sifted material comes from Germany and, hence, those with unsold goods in hand were reserved.

Cocillana.—The range in spot prices was wide, being 40c. to 48c. per pound and sales were said to have been made at both ends of the range, which represented differences in spot sellers' minimum views.

Lemon Peel.—The market was a shade lower at 15c. to 17c. per pound, some quarters indicating that demand last week was insufficient to support all of the recent advance.

Orange Peel.—Sweet peel was subject to more competition than had prevailed on spot recently. The market ranged 17c. to 19c. per pound, although no change in replacement cost backed the lower figure. Bitter peel was also a shade lower at 9c. to 10c.

Soap.—All prices held very firm and replacement of spot goods was subject to all the vicissitudes arising from the war. Cut bark was purely nominal.

Beans

Tonka.—Prices were very firm and in view of the rising cost to import from the primary market, the tendency on spot was upward.

Vanilla.—Demand was good and tended to assist in maintaining the prices that have resulted from advances in shipment quotations in primary markets. Sellers were reserved in all ways, tending to make sales only on a reasonably nearby delivery date and refusing to book long-term commitments.

Berries

Buckthorn.—Prices have eased from the peak of the advance and last week the market was 25c. to 30c. per pound according to seller. Those quoting minimum prices reported light demand.

Fish.—Sales were made last week at 15c. per pound and the range according to seller was to 17c. per pound in a market of not especially active request.

Flowers

Arnica.—Sales out of spot stocks to manufacturing consumers were made at 45c. per pound last week, and the market thereat appeared to be distinctly firm under the influence of moderate stocks and uncertainty of replacements.

Chamomile.—Some of the starch leaked out of prices and concessions from the peak of the advance were noted when sales into consumption were confirmed as made at 50c. per pound. The range, according to seller, was to 60c. Roman flowers held firm and unchanged.

Lavender.—Spot stocks have been about wiped out and a strictly nominal market was represented in the quotations of $1.50 per pound for select, $1.35 for medium, and $1.10 for ordinary grades.

Poppy.—One-quarter reported sales out of spot stocks made last week at $1 per pound. The range as to seller was to $1.15. The call was not very active nor aggressive.

Saffron.—Prices on Spanish goods were virtually nominal, but there was not much demand current last week. Fair holdings of Mexican material were unsold and offered last week at 42c. to 43c. per pound.

Gums

Arabic.—Loss of a substantial quantity of gum abroad a ship that sank at sea certainly did nothing to ease the market price position of this item. It continued fully firm in all respects, and reflected a continuing demand of excellent proportions.

Asafetida.—The advance has been maintained fully and demand was a supporting element in that angle of the market.

Benzoin.—Sumatra gum was quoted at 33c. to 34c. per pound, but there was some reason to suspect that the inside figure could be shaded with a firm order in hand.

Myrrh.—One-quarter made the spot market 70c. per pound, while others mentioned upward of 77c. per pound as having been done in the not-far-distant past. There was possibly a slower and smaller request for prompt deliveries last week.

Sandarac.—Prices were strong, but demand was not especially active. Since there is little chance of getting normal shipments from the source, sellers ignored the absence of substantial demand and maintained quotations thoroughly.

Herbs and Leaves

Belladonna.—Some of the peak of price advances was whittled away last week when two local sellers confirmed sales made at 24c. per pound. Upward of 30c. per pound, however, continued to be quoted in some directions.

Coltsfoot.—Sales have been made at 15c. per pound in quantities and the range was to 16c., according to amount in request.

Laurel.—The market continued fractional declines and closed late last week on the basis of 7c. to 7½c. per pound.

Sage.—Arrival of an exceptionally large quantity caused a sharp break in prices. Dalmatian stemless was priced at 10½c. to 11c. per pound, and the garden variety was to be had at 13c. to 14c. Contrivers of the succulent sausage have one raw material cost moving in their favor.

Senna.—More competition in T.V., leaves was reported and quotations were slightly lower at 13c. to 14c. per pound for No. 1; No. 2, 11c. to 12c.; No. 3, 9c. to 10c.; pods, 10c. to 13c.

Miscellaneous

Ergot.—The market continued to be strong in all respects. It seemed clear that holders of the comparatively small European stocks realized the value of their holdings fully and were not disposed to accept bids. Spot quotations were strong.

Lycopodium.—The market was $4 per pound, nominal. Unsold stocks were at the vanishing point, yet, when some business came firm to the spot last week, competition developed the above figure.

Manna.—Replacement costs were high. Fortunately, there is the domestic production of mannite wherewith the consuming needs could be readily supplied at prices much more advantageous than those on natural manna.

Nux Vomica.—Powder was slightly lower at 8c. to 9c. per pound under competitive circumstances. Whole buttons remained firm.

Papain.—Business was taken at $2 per pound and, according to seller, the range was to $2.10 per pound for powdered material in each instance.

Roots

Aconite.—The market was 45c. to 50c. per pound on the basis of sales made out of spot holdings last week. This indicated the presence of more competition than had been current.

Belladonna.—Competition gained locally as demand shrank moderately.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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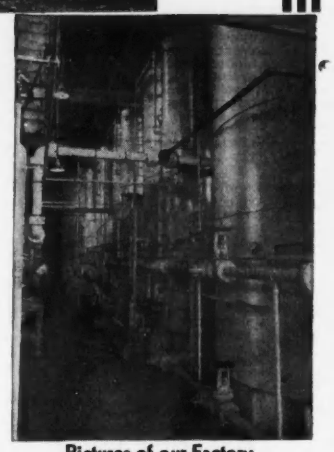

Pictures of our Factory Wisconsin, U.S.A.

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9 SO. CLINTON ST., CHICAGO, ILL. — 907 ELLIOTT ST. WEST, WINDSOR, ONT.

Hence business out of spot stocks was done at 40c. to 45c. per pound, according to seller and test of material.

Burdock.—The market eased to 14c. to 15c. per pound, and a fair amount of transactions confirmed the slightly more favorable quotation.

Calamus.—Values receded some from the peak of the recent advance. Split and peeled root was noted at 20c. to 22c. per pound, and for the bleached variety the spot delivery quotation was 60c. to 65c. per pound, according to seller.

Rhubarb.—Spot quotations were higher at 50c. to 51c. per pound for whole and 55c. to 60c. per pound for powder Thus was continued the extremel, fluctuating market on this item.

Senega.—The market jumped to 85c. to 86c. per pound as Winnipeg factors clamped a hard and fast grip on the well-concentrated primary market stocks.

Valerian.—Sales at 30c. to 32c. per pound recorded a new high price for the current movement of values on this item.

Seeds

Celery.—Prices dropped to 21c. to 21½c. per pound on French, and to 17c. to 17½c. per pound on the produce of India—these declines coming with decreased demand.

Dill.—Recleaned seed was down to 13c. to 13½c. per pound in a market substantially more competitive than it was recently.

Flea.—India seed was lower at 9c. to 10c. per pound. French held unchanged at 20c. to 21c. per pound, but the undertone appeared to be easier.

Larkspur.—The range in prices for spot deliveries was wide, being 75c. to 85c. per pound, according to seller. Replacements were none too easily obtainable in the primary market.

Mustard.—English yellow was down to 13½c. to 14c. per pound. Some Roumanian yellow was offered at 11½c. to 12c. The only other item offered was California brown which was held firmly at 9½c. to 10c. per pound.

Stavesacre.—The range was wider, being 25c. to 30c. per pound, according to seller and quantity. The trading interest was confined to small lots.

Spices

Clove.—Madagascar spice was lowered to 23c. to 24c. per pound while the produce of Zanzibar was raised to 20c. to 21c.

Ginger. — Bright grinding Jamaica root was shaded to 9c. to 9½c. per pound. Japanese root was also lower at 8½c. to 9c. No other change in quotations was made.

Nutmegs.—West Indian material was shaded to 13c. to 13½c. per pound. Prices on 80's and 110's remained very steady.

Peppers. — Japanese chillies were shaded to 22c. to 23c. per pound and Mombasses were lower at 38c. to 40c. Black Lampong was reduced to 4.10c. to 4.25c. per pound and Tellicherry was nominal at 8½c. White peppers were easier at 9c. to 9½c. per pound for Java Muntok, Saigon being unchanged.

Trading in black pepper futures on the New York Produce Exchange from October 21 to October 27, inclusive, comprised 93 contracts, a total of 3,124,800 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.75	3.75	3.82@3.85
February	3.80	3.71	3.87 Nom
March	4.02	3.84	3.91 sale
May	4.15	3.97	4.00@4.01
July	4.24	4.03	4.06 sale
October	4.29	4.29	.....
November	3.84	3.83	3.72@3.82
December	3.88	3.75	3.78 sale

Pimento.—The market was lower under competition, closing the trading period at 11½c. to 12c. per pound.

Wah Chang Gets Tungsten Ore Award

The Treasury Department today awarded bid on tungsten ore in program of providing reserve military stocks of critical materials. Award went to the Wah Chang Trading Corporation, New York, on bid of $15.82 per unit for 425 short tons or 27,000 units or total of $427,140, exclusive of duty. Ore to be shipped from Hongkong, Burma or Indo-China to Columbus, Ohio. The bid was accepted, although containing 1½ percent tin, whereas specifications was for maximum of 1 percent.

Halbach Heads Red Cross Drive in Chemical Industry

E. K. Halbach, president of the General Dyestuffs Corporation, this city, chairman of the dyestuffs group of the New York chapter of American Red Cross today appealed to the chemical industry to help support the charitable organization by joining during the annual Roll Call, November 11 to 30.

Mr. Halbach pointed out that the Red Cross is already at work aiding sufferers in Poland and that $50,000 has been appropriated for drugs and medical supplies to be bought in this country to treat innocent victims of the present European war. To carry on the work, voluntary contributions of private individuals are sorely needed, Mr. Halbach said.

M. C. Thode, recently proprietor of Wright Chemicals, Inc., has joined the organization of S. B. Penick & Co., drug manufacturer and botanical drug merchant, this city. Mr. Thode will be in charge of sales of special laboratory products.

Libbey-Owens Co. Receives Glass Association Award

San Francisco, Oct. 24, 1939

The Libbey-Owens-Ford Glass Company was named today for the second successive year as the winner of the annual "award of merit for outstanding industrial accomplishment" presented by the National Glass Distributors Association, which is holding its annual convention in this city. H. A. Brauner, president of the trade group, made the award to G. P. MacNichol, jr., vice-president of Libbey-Owens.

The association also honored the A. M. Hooker Glass & Paint Manufacturing Company, Chicago, for its installation of an all-glass cafeteria in Chicago which was described as "the finest of the year in the flat glass industry."

Soda Silicate exported by Germany totaled 22,929 metric tons in 1938. A detailed report, "Production and Uses of Water Glass in Germany," prepared by Sydney B. Redecker, American consul, Frankfort-on-Main, is available in the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington.

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Essential Oils, Aromatic Chemicals

Mace and Nutmeg Higher—Ceylon Citronella Down Moderately —Pineneedle Stocks Shrink as Prices Rise—Peppermint Firm —Wormseed in Request—Spearmint Shows Strength

The essential oil and aromatic chemical markets took on a quieter aspect last week. While demand was still active, it resulted in a volume of trade fairly conservative in size at the close of the period under review. The leveling off in consuming request, however, was without effect on prevailing quotations.

Prices were very firm and were still largely nominal and subject to confirmation. It seemed clear that it was still a sellers' market in all respects and since the replacement position of imported merchandise was still gripped by conditions that have resulted from the war, maintenance of values seemed in line and likely to continue.

Inventories have been substantially reduced during the past month or six weeks. Arrivals of replacement supplies have been exceptionally moderate and foreign conditions failed to forecast any substantial improvement in the despatch of goods bought some time back. The present strength of the spot market is directly related to the subnormal flow of replacement goods from foreign markets. All sellers showed reserve and were disposed to confine the majority of sales to regular customers.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Birchtar, rectified, 10c. per lb.
Croton, 15c. per lb.
Mace, 25c. per lb.
Nutmeg, 25c. per lb.
Pineneedle, Siberian, 20c. per lb.

Reduced

Citronella, Ceylon, 3c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
95.0	95.1	87.3	69.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Exceptionally firm undertones prevailed locally and prices were well maintained as the result of a steady and well sustained consuming request. Replacements were hard to get and showed a well maintained cost.

Anise.—Demand was rather moderate last week. Consumers took little in excess of actual requirements, feeling that a continuing stock would be available on spot. Quotations were firm but lacking in change.

Apricot. — Replacement costs were firm, giving excellent support to spot quotations that continued to prevail at the levels reached during the recent advances. Demand was fair to good.

Bergamot. — Consumer requirements have been well cared for by recent arrivals from the primary market. Quotations were fully firm, showing the result of the higher transport and insurance costs applicable since the beginning of the war.

Birch Tar.—Rectified material was higher at 75c. per pound and the quotation was largely nominal since sellers usually quoted without offer and declared that prices were subject to confirmation on new business. Crude material was firm to strong.

Bois De Rose.—Demand was normally active and the market as a whole was one of firmness and price stability in the absence of much competition in local circles. Replacement costs were firm.

Cajeput.—The tendency of quotations was upward because of the uncertainty surrounding the purchase and arrival of replacement goods. Business was good in the main and volume compared favorable with the movement in recent weeks.

Caraway.—Although the market was not exceptionally active, it still remained very firm and prices were fully maintained in the absence of real competition. Replacement of present spot stocks was uncertain and difficult.

Capsicum.—Raw material costs were high and strong, thus affecting the price position of domestic oleoresin. So far as known, no arrivals of imported material have taken place in recent weeks and the future of such goods was uncertain.

Cassia.—Movement was sufficient to give substantial firmness to the item held on spot. Also, replacement costs have not weakened in the slightest, thus adding to the strength obviously prevailing in local circles.

Cedarwood.—Trade was moderate. Many consumers seemed to be well stocked against future needs and, hence, volume was conservative. Undertones and prices were generally on the firm side since there was little tendency toward competition locally.

Citronella.—Shipment quotations from primary market points indicated that shippers held firm views and were able to await buyers' necessity. This resulted in prices being well maintained. Demand was moderate and business was done under somewhat more competitive conditions. Quotations for Ceylon in drums were shaded to 45c. per pound.

Croton.—The market was nominal at $1.75 per pound and inability of sellers to assure themselves of normal replacement arrivals was more than enough to offset the lack of expansive demand for prompt deliveries. The market was very firm.

Eucalyptus. — Movement into consumption was about normal and the market as a whole was firm in undertone and lacking in tendency toward competition. Replacement costs continued firm, also.

Fennel.—Spot stocks were exceptionally moderate in size and since replacement was uncertain, sellers showed reserve and maintained quotations firmly on the nominal basis of $3 per pound.

Grapefruit. — Ample stocks were available both on the spot and in the primary market. Quotations locally were firmly maintained and seemed entirely stable on the basis of $1.85 to $1.90 per pound.

Ginger.—Some of the recent snap in the raw material market has been expelled, leaving quotations slightly on the easy side with competition becoming more apparent. Oil prices remained steady under the influence of a fair demand.

Juniper.—The strength of the spot market attached to delays and uncertainties prevailing in the matter of replacement supplies. Quotations on U.S.P. material were firm and nominal at $2 per pound minimum.

Lavender.—The outlook for the next crop was poor and hence unsold stocks in primary market hands were counted valuable property. Spot quotations continued very firm at the recent advance and the tendency was upward.

Lemon.—Demand for California oil was excellent and it seemed probable that all consuming requirements could be taken care of promptly. Italian oil continued very firm in price notwithstanding the recent substantial arrivals. Much of such merchandise had been sold prior to arrival. Imports in the first eight months of this year were 105,990 pounds.

Lemongrass.—Prices in all markets were firm and on the spot there was a generally active trading in quantities of moderate size.

Lime.—Imports during the first eight months of this year totaled 74,961 pounds. Prices continued firm under the influence of a supporting demand that compared favorable with the active trading over the past month.

Mace.—The market was $1.50 per pound nominally and undertones were very firm. Consumer demand has been active of late and that has added to the strength incident to present replacement cost.

Nutmeg.—Sales have been made at $1.50 per pound and that was the nom-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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ROSE BUDS—our lowest priced Rose. Widely used for toilet soaps, bath salts, sprays, etc.
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inally quoted price for spot goods at the close of last week.

Peppermint.—Prices failed to advance further, but the spot held firm, mainly because of the well concentrated primary market stocks in hands looking forward to still further advances in quotations. Local dealers were disposed to be reserved, but in view of the probable elimination of Russian oil from this market, there were some who were disposed to believe that values on domestic oil would not be advanced much further. Elimination of Russian competition, however, was by no means certain.

Pineneedle.—Siberian oil was higher and nominal at $1.35 per pound, a fact reflecting the difficulties in getting oil out of Europe. Of course, the item does not originate in Siberia but comes from areas directly affected by the war.

Aromatic Chemicals

Benzophenone.—The market was firm in undertone and well maintained as to price. Inquiries were numerous and showed some gain over those current of late.

Benzyl Compounds.—All items within this group were firm in price. The movement into consumption developed a favorable volume of trade by the close of last week and added to the underlying strength of the market as a whole.

Benzylidene Acetone.—Trade was rather routine but on the whole it was maintained at favorable levels. Prices were exceptionally steady in the absence of excessive competition between suppliers.

Bromstyrol.—Inquiries gained considerably, according to dealers and leading suppliers indicated that volume of trade was on the upgrade. Quotations were generally firm and market undertones were steady.

Cinnamic Alcohol.—Demand was irregular much of the time last week without that condition affecting spot quotations. The latter were on the firm side, a condition in line with the rather moderate inventories of local suppliers.

Ethyl Benzoate.—Steady demand was reported. Buyers covered requirements fairly well ahead and the business gave added strength to prevailing quotations.

Methyl Anthranilate.—Trade was somewhat slower. Most orders were for limited quantities and on the whole business seemed to be closer to a hand-to-mouth basis than for some time. Quotations remained steady.

Bush Leads BIMS Golf

At the final golf outing of the BIMS, a social organization of buyers, importers, manufacturers and salesmen, held at Lakeville, L. I., the following were awarded prizes:—

Burton T. Bush, of Bush Aromatics, Inc.; Alexander D. Henderson, of Allied Products, Inc.; Charles Macauley, of Prophy-lac-tic Brush; Karl Voss, of the Karl Voss Corporation; W. L. Davidson, *American Druggist;* C. R. Keeley, *Toilet Requisites;* Kenneth A. Bonham, *American Druggist;* Harry Griffths, of the Pennsylvania Drug Company; Stanley Sapery, of the Victor Metal Products Corporation; William H. Green, of Addison Lithographing; F. A. Schwannecke, of the Oxzyn Company; Howard Seeland, of Stanco Distributors, Inc.; Peter L. Forsman, of C. H. Forsman & Co.; Frederick J. Lueders, of George Lueders & Co.; George Halloway, of Lamont Corliss; Clarence E. Clark, of Whittaker, Clark & Daniels; Warren Brown, of the Hutchings Publishing Company; Sewell H. Corkran, of E. N. Rowell-A. H. Wirz, Inc.; Joseph B. Scott, of Swindell Brothers; Charles W. Darr, of Harriet Hubbard Ayer, Inc.; John H. Curry, of Ogilvie Sisters; William F. Zimmerman, of Helfrich Laboratories, of New York; Franklin A. Bergmann, of Oxzyn Company; Paul Miller, of the International Cellucotton Products Company; Griswold T. Daggett, of Daggett & Ramsdell.

Guenther Back from Europe

Dr. Ernest Guenther, chief research chemist for Fritzsche Brothers, essential oils and aromatic chemicals, this city, returned to this country October 20 on the Conte di Savoia. While abroad, he visited and studied business conditions in England, France, Italy, Sicily, and Germany.

Reporting on his trip, Dr. Guenther stated that the beginning of the war slowed down operations sharply in the Fritzsche plant at Seillans, France. Mobilization resulted in all transport units, such as trucks and motor cars, being taken over by the French government. Factory operations were hampered some but workers who were called to the colors have been supplanted by older men and women and the progress toward normality of production has been satisfactory.

Trade Briefs

Soap imports into Jamaica approximate $300,000 annually, of which the United Kingdom supplies 90 percent.

Botanical Chemicals, Inc., Buffalo, has filed a certificate of voluntary dissolution in the office of the Secretary of State.

Sales Executive Club, this city, heard an address by Herbert Hoover at its weekly luncheon in Hotel Roosevelt October 24.

Henry Sundheimer, Inc., chemical importer and manufacturers' agent, this city, has moved to larger quarters in the same building.

Kimble Glass Company, Vineland, N. J., has purchased for cash the Chicago Heights, Ill., plant of the Owens-Illinois Glass Company.

Walter S. Carpenter Jr., vice-president of E. I. du Pont de Nemours & Co., Wilmington, has been named a trustee of Cornell University, Ithica, N. Y.

Harry Cohen, manufacturers' representative, has moved from the Candler Annex building to 982 Virginia avenue, N. E., Atlanta, Ga.

L. G. Oliver has been transferred from R. & H. chemicals department of E. I. du Pont de Nemours & Co., to the Baton Rouge, La., plant from Buffalo, N. Y.

McCormick & Co., insecticides and other chemicals, Baltimore, held the annual employees' Hallowe'en party and dance in the company's auditorium October 27.

Goodyear Tire & Rubber Company, Akron, has appointed W. S. Wolfe, former manager of the development department, manager of all Goodyear plants in the United States.

West Virginia Pulp & Paper Company has called for payment December 1, 1939, at 102 and interest $325,000 of its first mortgage 4½ percent bonds due December 1, 1952, at the Irving Trust Company, New York.

Belle-Alkali Company, Charleston, W. Va., has given its employees a 5 percent wage increase "principally because of an increase in earnings," according to an announcement by W. D. Stubblefield, president of the company.

G. H. Gehrmann, medical director of E. I. du Pont de Nemours & Co., Wilmington, and John H. Foulger, director of the Haskell Laboratory of Industrial Toxicology of the du Pont company, have been appointed associate professors of industrial health at the Medical College of Virginia, Richmond.

Philippine Fertilizer Plant Construction Is Authorized

OPD Washington Bureau
October 25, 1939

The Philippine National Economic Council has approved a plan of the National Development Company to establish a chemical and fertilizer plant to cost 8,500,000 pesos, according to reports from the trade commissioner at Manila to the Department of Commerce, Washington. The project calls for the erection of an ammonium fixation plant and sulphuric acid plants. It would appear that the plant is to produce 50,000 tons annually, probably largely ammonia sulphate. No definite decison has been made as to date of comencement for construction activities.

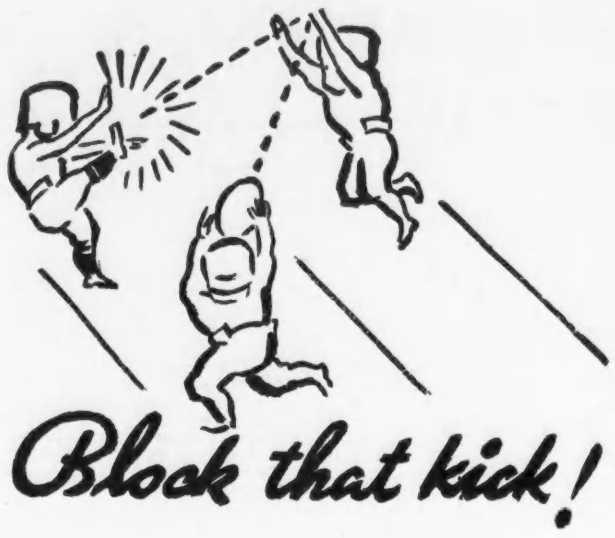
By-Product Recovery Plant Planned by Dominion Steel

Pittsburgh, Pa., Oct. 26, 1939

Koppers Company, engineering and construction division, has been awarded a contract by the Dominion Steel & Coal Corporation, Ltd., for the construction of a light oil refining plant and new by-product recovery equipment to be erected in Sydney, Nova Scotia. The work is expected to be completed by March 15, 1940.

Cloth Printing Discussed

A historical review of medieval cloth printing in Europe is presented in the October *Ciba Review*, monthly publication of the Ciba Company, manufacturer of textile chemicals and dyestuffs, this city. An interesting discussion of the thickening agents used in modern cloth printing is also found in the volume, under a section titled "Practical Hints." Copies of the periodical may be secured by addressing the Ciba Company, 627 Greenwich street, New York, mentioning the REPORTER.



"Block that kick" is the rooting section's plea in a close football game. And just as a blocked kick may win a game of football, a "blocked kick" in business may bridge the narrow gap between loss and profit.

When your customer kicks because a preparation you sold him has become rancid or cloudy, he has a justifiable complaint—but a complaint you never need hear if you use Penn-Drake White Oil or Petrolatum as your base. For the exclusive Penn-Drake Karnsite Refining Process will block many kicks for you—will enable you to build with confidence and sell with enthusiasm.

The Karnsite Refining Process superfilters 100% Pennsylvania Crude, removes every trace of unsaturated hydrocarbons, and produces the finest white oils and petrolatum you can buy. Penn-Drake White Oils and Petrolatum cost no more than ordinary products, yet permanently retain their purity, color and viscosity.

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We shall be glad to quote you on your particular requirements. In writing, please give your specifications as well as quantity used, so that we may give you our figures promptly.

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Petroleum Solvents Lubricants, Fuels

Naphthas Strong in East and Midcontinent But Off in Midwest — Gasoline Weak in Group 3, Advanced in Northeast—Louisiana Crude Advanced

Petroleum solvents and diluents were in a mixed position last week. Demand was good in all sections of the country and the prices were strong in the Midcontinent and firm in the East. In the Midwest, however, recently advanced tankcar prices failed to hold. Butane and propane continued very strong but no changes were made. Paraffin quotations were purely nominal. White mineral oils were unchanged with the price irregular. A measure of unsteadiness was also reported in the petrolatum market.

A major company advanced the tankcar price of gasoline in most sections of New York and New England. The increase reflects higher tanker rates from the Gulf Coast to the North Atlantic seaboard. Crude oil was advanced in two Louisiana pools. Heating oils and lubricants continued in good demand and kerosene picked-up.

The Texas daily oil allowance was decreased 47,775 barrels to 1,396,225 during November by an order issued by the railroad commission requiring eleven days of shutdown during the month. Louisiana's daily oil allowable was set at 259,994 barrels, an increase of 490 per day. The November quota for California was placed at approximately 699,000 barrels daily.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gasoline, tankcar, Northeast, 1/10c. to 2/10c. per gal.
Petroleum, crude, Louisiana, 10c. per bbl.

Reduced

Gasoline, 3rd grade, group 3, ⅜c. per gal.
natural, 26-27, group 3, ¼c. per gal.
Kerosene, 41-43, water-white, Chi., ⅛c. per gal.
Petroleum, naphtha, blending, tankcar, Chi., ⅜c. per gal.
cleaners', tankcar, Chi., ⅜c. per gal.
v.m. & p., tankcar, Chi., ⅜c. per gal.
lacquer diluent, tankcar, Chi., ⅜c. per gal.
solvent, rubber, tankcar, Chi., ⅜c. per gal.
stoddard, tankcar, Chi., ⅜c. per gal.
thinners, tankcar, Chi., ⅜c. per gal.

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Cleaners' Naphtha.—Demand was unchanged with price firm at 10½c. per gallon at New York.

Lacquer Diluent.—Less interest in offerings was noticed during the week but the tankcar price was firm at 9½c. per gallon.

Petroleum Thinners.—Paint makers were a bit less active. Price-wise there was no new development.

Rubber Solvent.—Tire makers called for more stocks than during the previous week. Tankcar lots were sold at 9½c. per gallon.

Stoddard Solvent.—Demand was at previous levels and the tankcar price of 9c. per gallon was steady.

V.M. & P. Naphtha.—Similar to thinners, the interest in this ingredient was a bit less during the week. The price was firm and unchanged, however, at 9½c. per gallon in tankcars and 10½c. in tankwagons.

Markets at Other Centers

Chicago, Oct. 26.—Petroleum solvents and diluents have been in fairly good call for this period, and although the recently advanced prices in the tankcar market by some sellers failed to hold, there is still a strong undertone. Inquiry remains active and indicated consumption is at a high rate. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tank wagon; v.m.&p. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, Oct. 26.—The demand for rubber solvents is insistent and other industrial grades for painters' uses have also brought more interest. The tone of all naphthas is strong and expanding operations have not greatly altered the supply situation, which remains fairly constant.

Lighter Fractions

Butane.—There was a better demand in evidence and the quoted price of 2½c. to 3c. per gallon was very strong. An advance was looked for.

Hexane.—Material was offered at 12½c. per gallon for the normal and 14c. for the laboratory. Demand was light.

Propane.—Similar to butane, there was a good call for supplies and the quoted price was very strong and appeared to be seeking higher ground.

Octanes.—This mixture was attracting slightly less attention during the period under review but the price was steady and unchanged.

Petrolatums and Waxes

White Mineral Oils.—The technical grade continued to range from 40c. to 47c. per gallon while the medicinal was quoted at 46c. to 82c. The price was unsteady. Russian oil quotations were purely nominal.

Petrolatum.—Continued good demand in the market further depleted stocks and the scarcity of available material caused quoted prices to be unsteady. No changes were made, however.

Paraffin.—No new sales of crude scale were reported during the week under review, and if there was any material available, leading suppliers were uncertain as to its whereabouts. The price of 5½c. per pound for the 122-124 material was purely nominal. Producers were of the opinion that the price was too high, and as soon as new stocks appeared an easing of quotations must be made. Refined supplies were in fair demand and the price was strong for all grades.

Chicago, Oct. 26.—A strong market situation continues in the refined petroleum wax trade. Buyers seem to have been willing to take considerably larger amounts of material than recently have been available to them. Inquiry remains brisk and active, with offerings light. Ruling prices are:—122-124, 4.9c. to 4.95c. per pound; 125-127, 5.1c. to 5.15c.; 127-129, 5.35c. to 5.4c.; 130-132, 5.65c. to 5.7c.; 132-134, 5.9c. to 5.95c.

Tulsa, Oct. 26.—Strong, with crude 124-126 at 5¼c. to 5½c. per pound, nominal. Supply limited.

Fuels and Lubricants

Gasoline.—Consumption was gradually falling off, but prices were holding well in the New York area. Socony-Vacuum Oil Company raised tankcar 1-10c. to 2-10c. per gallon in New York and New England except Western New York and certain areas of Vermont.

Kerosene.—Cooler weather brought out a larger volume of demand, and there was also more inquiry for future ...y noted. The price was firm.

Fuel and Gas Oils.—Grade C bunker fuel oil was moving steadily and the supply was tight. Domestic heating oils were in much better demand with prices firm. Diesel oil was also more active.

Lubricating Oils.—Pennsylvania stocks were very strong with sales limited due to a heavy demand from both domestic and foreign sources.

Crude Oil Price Changes

Louisiana

Standard Oil Company of Louisiana advanced prices in Bunkie and Eola pools 10c. per barrel to new range of 83c. to $1.15.

Markets at Other Centers

Chicago, Oct. 26.—Tankcar gasoline is more irregular than recently, but in general the tone for most products in the general tankcar division is holding fairly steady. Kerosene is quiet and unchanged. Lubricants seem to have leveled off at recently attained high levels.

GASOLINE—Low octane motor, 4½c. to 4⅝c. per gallon; 63-66 octane motor, 4¾c. to 4⅞c.; 67-69 octane motor, 5c. to 5⅛c.; 70-72, regular, 5¼c. to 5⅜c.; 60-62, 400, 4½c. to 4⅝c.; 64-66, 375, 4½c. to 4¾c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3¾c.

FURNACE OILS—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 prime white, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; No. 3, 3c. to 3⅛c.; 32-36, dark, industrial gas oil, 2¾c. to 3c.

FUEL OILS—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Oct. 24.—The domestic market maintained the same steady price level during the past week, with no change in quoted prices. U.S. motor gasoline was quoted at 6c., and 70-72 octane at 6⅝c., both quotations being based on a per gallon rate at refinery.

Kerosene continued to be quoted at 7¼c. per gallon at refinery.

Bunker C fuel oil was quoted at 90c. per barrel at terminal, and 95c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted on this grade at $1.36 per barrel, delivered alongside.

Tulsa, Oct. 26.—There is easiness developing in light products while additional strength is shown in heavy fuels, lubricants and industrial oils such as naphthas and wax. Most prices are unchanged, but concessions are being granted in gasolines and kerosene. Following are approximate quotations:—

GASOLINE—Low octane, third grade, 4c. to 4⅝c. per gallon; 63-66 octane, 4⅝c. to 5c.; 67-69, 4¾c. to 5⅛c.; 70-72, 5⅛c. to 5½c.

NATURAL GASOLINE—26-70, 4¼c. per gallon; 18-55, 5½c.

KEROSENE—41-43, 3¾c. to 4½c., and 42-44, 4c. to 4⅝c.

DISTILLATES—No. 1 prime white, 3⅝c. to 3⅞c.; straw, 3½c. to 3⅝c.; No. 2, 3¼c. to 3⅝c.; dark, 3⅛c. to 3½c.; gas oils, 2⅝c. to 2¾c.

LUBRICANTS—Bright stocks, 22c. to 26c. per gallon and neutrals, 13c. to 15½c.

FUEL OILS—22-26 grade, 80c. to 90c. per barrel; low cold test, $1 to $1.10.

Asphalt Institute's field office for district seven has been moved to the Dwight building, Kansas City.

Petroleum Production—Motor Fuel Stocks

	Barrels 1939 Jan. 1-Oct. 28	Barrels 1938 Jan. 1-Oct. 28
Commercial crude oil production	1,009,353,000	990,929,600
	Week ended Oct. 28, 1939	Week ended Oct. 29, 1938
Daily average production	3,770,908	3,253,400
	Week ended Oct. 21,1939	Week ended Oct. 14, 1939
Estimated motor fuel stock total	72,122,000	71,263,000
Estimated finished motor fuel stock total	66,688,000	65,938,000

Outputs and Quotas

A comparison of Bureau of Mines calculations for October productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended October 21 follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma	424,200	424,200	†428,000
Kansas	170,600	170,600	†174,850
Texas	1,444,800	‡1,360,563	1,514,600
Louisiana	260,300	258,504	262,200
Arkansas	56,100	65,800	327,700
Eastern	99,400	....	102,950
Michigan	61,000	....	62,450
Wyoming	69,000	....	65,000
Montana	16,500	....	17,250
Colorado	3,900	....	3,700
New Mexico	114,200	‖115,393	115,800
California	594,800	‖598,300	631,700
Totals	3,590,300	....	3,771,550

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of October. As requirements may be supplied either from stocks, or from new productions contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Oklahoma and Kansas figures are for week ended 7 a.m. October 18.

‡ This is the net basic allowable for the month of October obtained from the best available sources and takes into consideration ordered shutdowns for 11 days during the month, namely, October 1, 2, 7, 8, 14, 15, 21, 22, 27, 28 and 29. Latest information indicates that exemptions are included, but not accretions from new wells.

‖ Allowable for period October 16 to 31; previous allowable revised to cover new wells completed.

‖ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

One company increased tankcar gasoline 1/10c. to 2/10c. per gallon in the Northeast.

	Oct. 27	Oct. 20	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.1595	$1.1595	$1.11
Gasoline prices at refineries (at four refining centers) per gallon	.053890	.053875	.0484375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Skelly Oil Observes Twentieth Anniversary

Local, divisional and national officials of the Skelly Oil Company, Chicago, gathered with company employees in the Curtis hotel, Minneapolis, recently, to celebrate the twentieth anniversary of the firm. The meeting, one of fifteen being held in the Skelly marketing territory, was attended by about 300. U. G. Skelly, president of the company, presided, and other officials included James F. Nagle, executive assistant to the president; W. T. Atkins, vice-president in charge of marketing; E. F. Underwood, manager of wholesale sales; Joseph E. Morero, chief geologist; R. M. Ward, sales promotion manager; and Sam Wine, tire sales representative.

Crude Oil Daily Output Up

Daily average crude oil production in the United States during the week ended October 21 was 3,771,550 barrels, an increase of 57,750 over the 3,713,800 in the preceding week, according to the American Petroleum Institute. A gain of 57,450 barrels in the daily average output of Texas was the most important change. Stocks of gasoline at the end of the week were 72,122,000 barrels, compared with 71,263,000 barrels at the close of the preceding week, an increase of 859,000. A year ago these stocks amounted to 69,209,000 barrels. Finished gasoline stocks increased 750,000 barrels to 66,688,000, compared with 63,408,000 on October 21, 1938.

Buttram Made President of Independent Oil Ass'n

Fort Worth, Oct. 23, 1939

Frank Buttram, president of the Buttram Petroleum Corporation, Oklahoma City, was elected president of the Independent Petroleum Association of America at the annual convention held in this city. He succeeds Charles F. Roeser, of Fort Worth, who completed four terms in office. New members named to the executive committee were:—

C. F. Buchner, of W. C. McBride, Inc., St. Louis; Clyde H. Pape, of the Selby Oil & Gas Co., Tulsa; J. F. O'Donoghue, of Petroleum Producers, Inc., Wichita Falls, Tex., and Wirt Franklin, of the Franklin Petroleum Corporation, Ardmore, Ok.a. Mr. Roeser automatically became a member of the committee. The executive staff was re-elected and the association also named six new vice-presidents and an additional fifty members to the board.

Representative Will P. Cole, of Maryland, sponsor of the Federal oil control bill now before Congress, told the meeting that his bill is intended to assist the States and not to usurp their duties. He warned, however, that the bill will prevent abandonment of the oil conservation problem or any trifling by the States.

Humble Oil Lease in Tex. On 1,250,000 Acres Contested

A suit to cancel a twenty-year lease held by the Humble Oil & Refining Company on 1,250,000 acres of the King ranch in southwest Texas has gone on trial before Federal Judge Kennerly. Plaintiffs in the case are Edwin K. Atwood and Miss Alice Atwood, grandchildren of the late Captain Richard King, founder of the ranch.

Sun Oil Opposes N.J. Raise Of $26,000,000 in Assessment

The Sun Oil Company, and Jersey City as an intervenor, are opposing a petition by the city of Newark to the Court of Errors and Appeals to add $26,000,000 to Newark's 1937 assessment against the company. Newark claims that amount in personal property had been overlooked at the customary assessing date.

Crown Central Petroleum Company, Houston, will buy 100,000 barrels of crude oil, produced principally in KMA field of Wichita county, Tex., from Continental Oil Company at a price of $1.03 per barrel.

Trade Briefs

Apex Color Works, Inc., will remove executive offices from this city to its plant at 394 Claremont avenue, Jersey City on November 1.

Inland Empire Refineries, Inc., plans a crude oil pipe line from Cut Bank, Mont., oil field across the Rocky Mountains to Spokane, Wash.

Clayton R. Smith has been transferred from the rayon division of E. I. du Pont de Nemours & Co. at Wilmington to the rayon technical division at Buffalo to take the place of E. N. Schwarz, who has been transferred to the Old Hickory, Tenn., plant.

Germany was the largest foreign buyer of Rumanian petroleum products in the first half of this year, with shipments from Rumania to the German market in the January-June period totaling 427,836 metric tons, an increase of 108,896 tons over the corresponding period of 1938.

George E. Percy has been recently appointed manager of the Pittsburgh Plate Glass Company's branch in Montgomery, Ala. Mr. Percy is from Memphis, Tenn., where he was also connected with the Pittsburgh company. Prior to that he started his career in the company's factory in Pittsburgh.

Fertilizer Materials

Interest in Raw Materials Market Slackens as Mixers Begin Operations — Chicago Blood, Urea-Nitrogen and Sulphate of Ammonia Up — Imported Blood Lowered

Mixers were apparently well stocked for preliminary operations last week and consequently interest in the raw materials market was slack. A shortage of high-grade blood in Chicago caused producers to advance the price, but all other revisions were downward. Blood in California and imported blood were both lower. California fish meal was also off.

Urea-nitrogen and sulphate of ammonia prices are higher for November shipment. Domestic producers of the latter were apparently well sold-up and it was doubtful if new orders for November delivery would be accepted. One importer of French potash revised the price and lowered fertilizer sulphate of potash. Fish scrap suppliers on the Middle Atlantic coast had practically stopped fishing and were concentrating on producing operations. Although the output this year will be higher than last, it was doubtful whether they would be able to meet all commitments made in the past.

Advices from Atlanta reported the sulphur market as decidedly strong as a result of an active inquiry for export, the volume of business closed during the week for shipment to foreign destinations being important and showing a considerable increase over recent preceding weeks. The activity and strength of sulphur was reflected in sulphuric acid in the Southern market, demand broadening with the tone of the market firmer, optimistic sentiment prevailing in some quarters regarding the outlook for trade and prices during the Fall and Winter months.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, high-grade grd., 10c. per unit, f.o.b. Chicago.
Cal., 15c. per unit, f.o.b. San Francisco.
Fish meal, Cal., $1 per ton, f.o.b. San Francisco.
Potash, sulphate, fertilizer, $3.75 per ton.

Reduced

Blood, imp., 5c. per unit, c.i.f. ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Dried Blood.—The New York price was weak and unchanged at $3.70 per unit. The imported product was reduced 5c. per unit to $3.35. High-grade ground material was advanced 10c. in Chicago to $3.60 per unit.

Fish Scrap.—The scrap price continued at $4.25 and 10c. per unit and menhaden meal was held at $58 per ton. Few sales were reported. Suppliers were busy attempting to fill orders accepted in the past few months.

Nitrate of Soda.—Shipments were steady and the price was firm.

Sulphate of Ammonia.—Material was offered at $27.50 per ton for shipment during November.

Tankage.—The market showed no changes from the previous week, with demand off.

Urea.—Urea-nitrogen prices for November shipment are as follows:—42 percent, $56.40 per ton; 40 percent, $55.25 per ton and 30 percent, $41.85 per ton.

Potashes

The new company that announced a price schedule for French potash, reported last week, revised one price. Fertilizer sulphate of potash will be offered at $36.25, rather than $40 per ton. The market was quiet during the period under review, with mixers apparently covered for immediate needs.

Phosphates

Bone Materials.—The market lacked interest. Demand was light and prices unchanged.

Phosphate Rock.—Consumers had enough stocks for present needs and shipments dropped off.

Sulphur and Pyrites

The sulphur demand was at a higher level during the period under review but the price was firm. Conditions surrounding the pyrites market were unchanged.

Markets at Other Centers

Atlanta, Oct. 25.—Prices are slightly lower on organics, with light demands. Fall sales of phosphates for small grain are over and very little business is reported in the southeast, where T.V.A. phosphates in large quantities are available for demonstration purposes, at no other cost than shipping charges. In view of plans for sulphur and sulphuric acid prices to advance active trading in these materials is reported.

Quotations of this market are as follows:—

SUPERPHOSPHATE—52 cents per unit, interior producing points.

NITRATE OF SODA—Bulk, $27 per ton.

SULPHATE OF AMMONIA—$27.50 per ton.

COTTONSEED MEAL—8 percent grade, $26 to $26.50 per ton, southeastern mills.

BLOOD—$3.60 per unit, basis Chicago; South American, $3.35, ports.

TANKAGE—High grade, $3.75 and 10, basis Chicago.

BONE—Ground steam, 3 and 50, $28 to $29 per ton, Chicago.

Baltimore, Oct. 25.—Quiet continued to prevail in the market for crude fertilizer materials, with no change of consequence in the quotations. Buyers are holding off to see what turn the market will take and quotations are generally only nominal. Current figures are as follows:—

FISH SCRAP.—Small sales were made at the previous price of $4.25 and 10 per unit-ton at factory. Production of scrap exceeds that of last season by about 15 to 20 percent, but is not as good as had been expected. Menhaden meal is $58 per ton in carload lots, with $60 a ton asked for smaller quantities, and with Japanese sardine meal is at $52 to $52.50 per ton, c.i.f. for spot and newly arrived supplies.

TANKAGE—Quiet, with practically no trading.

DRIED BLOOD—Quiet, with sellers out of the market.

SUPERPHOSPHATE—Demand is held down to moderate proportions, and the producers adhere to nominal quotations of $8 per ton for run-of-pile and $8.50 per ton for 16 percent milled and screened stocks.

BONE—The range has been maintained around $25 per ton for 1 and 60 flour.

Chicago, Oct. 25.—Trade seems to be along more extensive lines and recently receding price tendencies in some products apparently have been checked. Buying of blood and tankage is fairly liberal, with tone of the market firm. Inquiry has been better in some products. Bone materials have been doing better and indicate a fairly good market position.

BLOOD—Principal grade, $3.60 per unit of ammonia.

TANKAGE—High grade, feeding, $3.70 to $3.75 and 10c.; hoof meal, $3.10 to $3.15; liquid stick, $2 to $2.50.

BONE MATERIALS—Ground, steamed bone, 1¼ and 60 percent, $25; 3 and 50 percent, $28 to $29; 4½ and 50 percent, $30 to $32; grinding hoofs, pigs' toes and waste horn materials, $40 to $45; cattle jaws, skulls and knuckles, $25 to $27; beef cracklings, soft pressed, $45 to $50; pork cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 85c. to 90c.

San Francisco, Oct. 25.—Fertilizers are in a routine groove with buying on the quiet side. Animal and fish products are easier with fish meal and blood lower.

SUPERPHOSPHATE—Domestic, 75c. per unit in bulk, f.o.b. producer's plant. Bags, 85c. per unit.

NITRATE OF SODA—100-pound bags, $29 per ton, ex-vessel or warehouse; 200-pound bags, $28.30 per ton, ex-vessel or warehouse.

FISH MEAL—California sardine meal, f.a.q., is quoted on the basis of $49 per ton, San Francisco/Monterey.

TANKAGE—Unground, wet rendered, domestic, $4 and 10c. per unit-ton. Dry rendered, ground, quoted at $60 per ton, f.o.b. cars, South San Francisco; unground, dry rendered, quoted at 95c. per unit of protein.

BLOOD MEAL—Domestic, $3.80 per unit, f.o.b. cars, Los Angeles.

BONE MEAL—$30 to $35 per ton, delivered, Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Corporation Earnings Recently Reported

	Period.	1939 Net income.	1939 Per share.	1938 Net income.	1938 Per share.
Atlas Powder Co.	9 Mos.	831,842	2.31	745,737	1.96
Bon Ami Co.	9 Mos.	1,067,596	2.90	1,025,020	2.79
Catalin Corp. of America	9 Mos.	114,414	.21	34,008	.06
Cliffs Corp.	9 Mos.	125,698	.16	161,534	.20
Coty, Inc.	9 Mos.	362,221	.24	206,223	.13
DuPont (E. I.) de Nemours & Co.	9 Mos.	62,798,244	5.08	31,288,318	2.23
Hercules Powder Co.	9 Mos.	3,646,561	2.47	1,968,635	1.20
Hinde & Dauch Paper Co.	9 Mos.	422,305	.80	480,397	.96
Jones & Laughlin Steel Corp.	9 Mos.	281,189	..	*4,750,102	..
Lambert Co.	9 Mos.	1,073,925	1.44	1,090,428	1.46
Magma Copper Co.	9 Mos.	972,288	2.38	330,449	.81
Owens-Illinois Glass Co.	Year.	7,465,253	2.81	5,085,996	1.91
Penna. Glass Sand Corp.	9 Mos.	378,270	.77	276,189	.44
Peoples Gas Light & Coke Co.	9 Mos.	1,213,599	1.85	949,881	1.45
Procter & Gamble Co.	3 Mos.	6,951,841	1.06	6,097,510	.92
Reynolds Metals Co.	9 Mos.	812,979	.59	531,348	.32
Ritter Dental Mfg. Co.	9 Mos.	48,576	..	*52,024	..
Shell Union Oil Corp.	9 Mos.	6,710,658	.41	9,364,493	.61
Staley (A. E.) Mfg. Co.	9 Mos.	1,083,638	2.01	477,900	.58
Standard Brands, Inc.	9 Mos.	5,102,861	.35	6,190,054	.44
Texas Gulf Sulphur Co.	9 Mos.	5,014,295	1.31	5,273,778	1.38
Union Carbide & Carbon Corp.	9 Mos.	19,151,730	2.11	13,383,038	1.50
Wrigley, (Wm.) Jr., Co.	9 Mos.	6,763,632	3.43	5,464,485	2.79
Zonite Products Corp.	9 Mos.	*24,135	..	43,840	.05

* Deficit.

Books You Can Use

Canadian Customs Manual

McGoldrick's Canadian Customs and Excise Tariffs. Cloth; 1,165 pages, 9¼ by 6 inches. Montreal, Que.: McMullin Publishers, Ltd. $5.

This volume contains the information on all matters of the Canadian customs and excises required by importers, customs brokers, and others shipping merchandise to that country. Its first portion is devoted to the principle sections of the Customs act, dealing with the derivation of values, the method of rating duties; the treatment of the forms and certificates of invoice required under the different tariffs; regulations of shippings, packaging, and currency rates; marking of imported goods; list of ports, outports, and preventive stations; national harbor board charges; baggage and tourists rules; the dumping clause and regulations; excise and other taxes; list of sales and tax exemptions under the special war revenue act and the latest war budget; and treaties and special tariffs with the British countries.

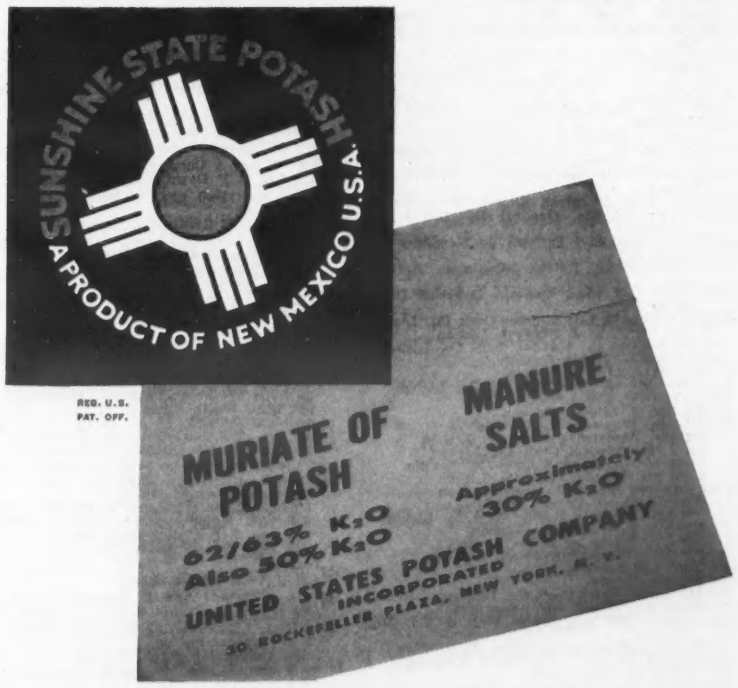
The second section is a list of some 25,000 articles with their tariff item numbers, and shows the rates of duty under all tariffs. The third section is made up of the "group tariff," arranged somewhat after the official tariff, with the addition of the rates under the most favored nations tariffs and a list of classification and description of imports required on entries for statistical purposes.

Loft Candy Co. Formed

Loft, Inc., Long Island City, stockholders October 24 ratified a plan of readjustment designed to segregate the candy business from holdings in the Pepsi-Cola Company. The candy business will be segregated into a newly formed Loft Candy Corporation. The capital of Loft, Inc., will be reduced from $11,979,652 to $1,473,259, with the authorized shares being changed from no par value to $1 par value each and the authorized shares of the company will be increased 3,000,000 shares from 1,500,000 shares.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SULPHATE OF AMMONIA
Domestic or Export
CONRAY PRODUCTS CO., INC.
30 West 21st Street, New York City



Shipping Information

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Imports at U.S. Ports

New York Imports

AGAR AGAR—10 bls, Nisho Co, Kobe
ALCOHOL—12 jugs, 2 half jugs, New York & Cuba Mail S S Co, Havana
ALUMINUM FOIL—43 cs, F P Gaskell & Co, Genoa
67 cs, Rohner, Gehrig & Co, Genoa
3 cs, Phoenix Shipping Co, Rotterdam
AMMONIA, PERSULPHATE—15 cks, Banca Commi Italian, Genoa
SULPHATE—560 bgs, Industrial Sales Corp, Antwerp
1,650 bgs, Industrial Sales Corp, Antwerp
ANISE—115 bgs, Knickerbocker Mills Co, Vera Cruz
77 bgs, Vera Cruz
ANNATTO SEED—33 bgs, United Fruit Co, Kingston
ANTIMONY, CONCENTRATE—331 bgs, Beira ORE—3,963 bgs, Mollendo
ASBESTOS—47 pkgs, Crane Packing Co, Genoa
800 bgs, Union Asbestos Co, Capetown
2,370 bgs, Johns Manville Corp, Capetown
ASPHALT—260 bgs, A V Berner & Co, Havana
BARBASCO ROOT—132 bls, Chas Argast, Cuidad Bolivar
BARYTES—200 bgs, C B Chrystal & Co, Genoa
1,361 bgs, Smith Chem & Color Co, Genoa
BRISTLES—12 cs, Guaranty Trust Co, Bombay
13 cs, F H Cone & Co, Kobe
BRONZE POWDER—2 cs, Rotterdam
CAMPHOR, REFD—400 cs, McKesson & Robbins, Kobe
100 cs, Nisho Co, Kobe
150 cs, Iwai & Co, Kobe
CANAIGRE ROOT—12 bgs, Vera Cruz
CARDAMOM—22 cs, Volkart Bros, Colombo
CASEIN—417 bgs, T M Duche & Sons, Buenos Aires
1,607 bgs, A Hurst & Co, Buenos Aires
800 bgs, Cheese Importing Co, Rotterdam
CASTOR BEANS—755 bgs, Curacao
CHEMICALS—240 cs, Bergstrom Trading Corp, Gothenburg
13 dms, Sandoz Chem Works, Genoa
2 cs, R W Greeff & Co, Genoa
2 cks, Geigy Co, Genoa
15 dms, Richards Chem Works, Rotterdam
1 cs, Hensel, Bruckmann & Lorbacher, Rotterdam
9 pkgs, L R Bruce, Rotterdam
2 cks, Riede De Haan, Rotterdam
CHILLIES—64 bgs, Mombasa
CHROME ORE—1,000 tons, Mormugao
1,004 tons, 13 cwts, 1 qtr, 6 lbs, Philadelphia Natl Bank, Lourenco Marques
3,496 tons, 24 cwts, 2 qtrs, 2 lbs, E J Lavino & Co, Lourenco Marques
CINCHONA BARK—60 bdls, W R Grace & Co, Barranquilla
PRODUCTS—86 cs, 100 dms, R W Greeff & Co, Rotterdam
CINNAMON—75 bls, Colombo
75 bls, Colombo
CLAY, POWD—100 cks, C J Osborn & Co, Rotterdam
CLOVES—105 bls, French Line, Macassar
COALTAR INTERMEDIATES—20 bbls, General Dyestuff Corp, Genoa
10 dms, Ciba Co, Genoa
COBALT METAL—157 cks, Electro Metallurgical Co, Antwerp
SULPHATE—10 dms, Central Trading Corp, Antwerp
COCHINEAL—46 bls, H H Pike & Co, Rotterdam
COCOA BEANS—500 bgs, Cristobal
356 bgs, Rawlinson & Co, Lagos
5,626 bgs, Balfour, Guthrie & Co, Apapa
3,200 bgs, Ollivant & Co, Winnebah
250 bgs, Balfour, Guthrie & Co, Takoradi
103 bgs, A A Lindo & Co, Porto Limon
100 bgs, Wessel, Duval & Co, Havana
360 bgs, Schutte & Focke, Curacao
56 bgs, Struller & Wood, Curacao
4 pkgs, Meyer & Co, Puerto Cabello
725 bgs, National City Bank, Lisbon
72 bgs, Colombo
294 bgs, W R Grace & Co, Puerto Cabello
145 bgs, C Blohn & Co, Puerto Cabello
300 bgs, Trinidad
198 bgs, Curacao Trading Co, Trujillo
2,000 bgs, Curacao Trading Co, Sanchez
150 bgs, Wessel, Kulenkampf & Co, Sanchez
COCONUTS—610 bgs, I L Toledano Corp, Cristobal
300 bgs, Universal Import & Export Co, Santiago
240 bgs, Universal Import & Export Co, Kingston
500 bgs, Standard Fruit Co, Kingston
1,000 bgs, Far Eastern Mfg Co, Kingston
2,909 bgs, General Food Corp, Kingston
600 bgs, Universal Import & Export Co, Kingston
COLORS—3 cs, American Express Co, Genoa
COALTAR—24 cks, General Dyestuff Corp, Rotterdam
DRY—10 dms, E I DuPont de Nemours Co, Rotterdam
EARTH—10 cks, Reichard-Coulston, Rotterdam
PIGMENT—17 tubs, General Dyestuff Corp, Genoa
CORK—3 bgs, 26 bls, Mundet Cork Co, Lisbon
8 bgs, Hinrichs & Pearsal, Lisbon
BOARD—1,446 cs, Mundet Cork Co, Lisbon
SHAVINGS—174 bls, Lisbon
461 bls, J Alberti, Lisbon
SLABS—167 cs, Mundet Cork Co, Lisbon
WASTE—221 bls, Lisbon
360 bls, J Alberti, Lisbon
934 bls, Wicander & Co, Lisbon
351 bls, Armstrong Cork Co, Lisbon
1,052 bls, Mundet Cork Co, Lisbon
1,336 bls, Armstrong Cork Co, Seville
3,764 bls, Mundet Cork Co, Lisbon
WOOD—500 bls, N Lazauis, Lisbon
100 bls, Pablo Calvet Co, Lisbon
200 bls, Atlantic Pacific Mfg Co, Lisbon
125 bls, L V Alberta, Lisbon
647 bls, Wicander & Co, Lisbon
150 bls, Chase Natl Bank, Lisbon
1,065 bls, Lisbon
131 bls, Seville
144 bls, Mundet Cork Co, Lisbon
DERRIS ROOT—171 bls, Singapore
DEXTRIN—150 bgs, Stein, Hall & Co, Rotterdam
100 bgs, Morningstar Nicol, Rotterdam
POTATO—50 bgs, American Cyanamid & Chem Co, Rotterdam
DIAZO—5 bbls, C Bruning, Rotterdam
DYES, ANILIN—139 cks, 31 dms, Ciba Co, Genoa
135 cks, 215 dms, 203 bbls, Geigy Co, Genoa
19 bbls, General Dyestuff Corp, Genoa
18 cks, Carbic Color & Chem Co, Genoa
69 dms, Sandoz Chem Works, Genoa
ERGOT—10 cs, S B Penick & Co, Lisbon
FILTER PAPER—29 cs, J E Bernard & Co, Gothenburg
200 bls, Rotterdam
FIRECLAY—12 bgs, Major Forwarding Co, Durban
FLIES, DRIED—42 bgs, Vera Cruz
FLOWERS, MEDICINAL—26 bls, Brown Bros Harriman Co, Genoa
10 bls, Irving Trust Co, Genoa
GELATIN—77 bbls, International Selling Corp, Antwerp
POWDERED—68 bbls, 362 pkgs, International Selling Corp, Antwerp
10 kegs 10 dms, 41 bbls, 7 cs, T M Duche & Sons, Rotterdam
GLASS, PLATE—20 cs, S G Cole Co, Antwerp
20 cs, Brown Bros Harriman Co, Antwerp
23 cs, Rotteram
SHEET—1,650 cs, Petrocelli & Beusse, Antwerp
WINDOW—1,550 cs, Banque Belge pour l'Etranger, Antwerp
3,450 cs, S G Cole Co, Antwerp
30 cs, Daniel de Gortes, Antwerp

Under Treasury Decision 49970, United States import and export government records for the time being are not available to the press. Petitions for a modification of the ban have been filed with the department. The Reporter has filed a special brief to meet the needs of the industries it serves. Pending action on its brief, the Reporter will continue to print such data as may be available from other than government sources. Readers desiring to have these data continued as heretofore are requested to send their views to the Reporter for use in the preparation of a supplemental brief.

Editor, O.P.D.R.

GLUE, POWDERED—4 cs, Rohner, Gehrig & Co, Antwerp
GRAPHITE—720 bgs, Asbury Graphite Mills, Colombo
500 bgs, C E Pettinos, Colombo
250 bgs, Bank of Manhattan, Colombo
830 bgs, Colombo
558 bgs, Volkart Bros, Colombo
250 bgs, Asbury Graphite Mills, Colombo
GUM, COPAL—461 bkts, Chase National Bank, Macassar
35 bgs, Gillespie-Rogers-Pyatt Co, Macassar
193 bkts, Philadelphia National Bank, Macassar
150 bkts, O G Innes Corp, Macassar
500 bgs, O G Innes Corp, Antwerp
100 bgs, Stroock & Wittenberg, Antwerp
100 bgs, Gillespie-Rogers-Pyatt Co, Antwerp
DAMMAR—64 bgs, Manufacturers Trust Co, Macassar
420 bgs, O G Innes Corp, Macassar
75 cs, G W S Patterson & Co, Macassar
50 cs, 280 bgs, Gillespie-Rogers-Pyatt Co, Macassar
720 bgs, Singapore
GHATTI—60 bgs, Bombay
KARAYA—466 bgs, National Carloading Co, Bombay
330 bgs, Orbis Product Corp, Bombay
402 bgs, S B Penick & Co, Bombay
534 bgs, Thurston & Braidich, Bombay
1,181 bgs, Bombay
LOCUST BEAN—80 bgs, Jacques Wolf & Co, Genoa
10 bgs, Chase National Bank, Genoa
50 bgs, Trust Co of North America, Genoa
OLIBANUM—18 bgs, Bombay
PENDARE—28 bls, Chicle Development Co, Ciudad Bolivar
TRAGACANTH—160 bgs, E Meer & Co, Bombay
48 bgs, Bombay
HADDOCK LIVER—20 cs, Penson & Co, Rotterdam
HERBS, MEDICINAL—2 cs, Alpinol Corp, Genoa
1 cs, Penson & Co, Genoa
8 pkgs, E Fucini Co, Genoa
HOOF MEAL—297 bgs, Santos
HOPS—43 bls, A Cusmer, Genoa
125 bls, R F Downing & Co, Genoa
IPECAC ROOT—6 bgs, Wessel, Duval & Co, Cristobal
10 bgs, C E Griffin Co, Cristobal
IRON—5 dms, Bristol Meyers Co, Vera Cruz
ORE—15 bgs, J R Van Vleet, Cristobal
2 cks, Reichard-Coulston, Rotterdam
OXIDE—228 bbls, C K Williams & Co, Malaga
40 bbls, Whittaker, Clark & Daniels, Malaga
200 bbls, Reichard-Coulston, Malaga
200 bbls, Robinson-Wagner Co, Malaga
200 bbls, C J Osborn & Co, Malaga
82 bbls, J Lee Smith & Co, Malaga
25 bbls, Wishnick-Tumpeer, Malaga
188 bbls, Smith Chem & Color Co, Malaga
50 bbls, Malaga
12 cks, Reichard-Coulston, Rotterdam
27 cks, Stanley Doggett, Rotterdam
JALAP ROOT—14 bgs, Peek & Velsor, Havana
JUNIPER BERRIES—417 bgs, Brown Bros, Harriman Co, Leghorn
50 bgs, Chemical Bank Trust Co, Leghorn
239 bgs, Knickerbocker Mills Co, Leghorn
168 bgs, S B Penick & Co, Leghorn
148 bgs, Brown Bros, Harriman Co, Leghorn
KAMALA—82 bgs, Bombay
KOLA NUTS—11 bgs, D Steengrafe, Kingston
98 bgs, S B Penick & Co, Kingston
LAUREL LEAVES—192 bls, Commercial Bank of Greece, Patras
151 bls, Ionian Bank, Patras
LECITHIN—8 trcs, Biological Raw Prod Co, Rotterdam
LEECHES — 4 pls, General Transport Co, Naples
LIME—10 bbls, Calavo Growers of California, Kingston
MANGROVE BARK—1,360 bgs, Zanzibar
MATCHES, SAFETY—24 cs, Diamond Match Co, Lisbon
4,302 ctns, New York Match Co, Gothenburg
MEDICINAL PREPS—250 pkgs, Baufi Prod Corp, Genoa
244 pkgs, C L Huisking & Co, Genoa
5 cs, Rohner, Gehrig & Co, Genoa
6 cs, W C Otten, Genoa
12 cs, J Personeni, Genoa
50 cs, J H Rosenthal Co, Rotterdam
MENTHOL—25 cs, Magnus, Mabee & Reynard, Kobe
45 cs, Bridges Neumer Co, Kobe
MICA—13 pkgs Mollendo
BLOCK—10 cs A O Schoemaker Insulator Co, Calcutta
1 cs, Eugene Munsell Co, Calcutta
118 cs, Calcutta
CUTS—2 cs, Philadelphia Natl Bank, Calcutta
DISC—3 cs, Gillespie-Rogers-Pyatt Co, Calcutta
FILM—4 cs, Calcutta
1 cs, Gillespie-Rogers-Pyatt Co, Calcutta
3 cs, Eugene Munsell & Co, Calcutta
SLABS—1 cs, Philadelphia Natl Bank, Calcutta
SPLITTINGS—18 cs, Gillespie-Rogers-Pyatt Co, Calcutta
2 cs, Eugene Munsell Co, Calcutta
5 cs, Calcutta
MILK, POWDER—130 cs, Nestles Co, Genoa
MYROBALANS—7,040 bgs, Hammond & Carpenter, Bombay
OIL—4 dms, National City Bank, Antwerp
12 dms, Gulf Oil Corp, Ciudad Bolivar
CASSIA—5 dms, Magnus, Mabee & Reynard, Hongkong
CITRONELLA—22 dms, Lo Curto & Funk, Colombo
CLOVES—24 cks, French Line, Macassar
COCONUT—2,020 tons, Philippine Refg Co, Manila
CORNMINT—25 cs, Bridges, Neumer Co, Kobe
ESSENTIAL—18 dms, Porto Barrios
8 cs, Naples
1 dm, Kingston
19 cs, Rotterdam
GERANIUM—15 kgs, Irving Trust Co, Antwerp
LUBRICATING—70 dms, F A Marsily Co, Antwerp
MUSTARD SEED—8 cs, Irving Trust Co, Rotterdam
NEATSFOOT—54 bbls, Santos
OITICICA—350 tons, Fortaleza
OLIVE—100 dms, Masalades Bros, Calamate
25 dms, J Alban & Co, Calamate
30 dms, Bank of Athens, Patras
599 dms, Smith-Weihman Co, Patras
1,100 cs, Leghorn
271 cs, Lisbon
30 dms, J H Schroeder Banking Corp, Lisbon
95 dms, J Jeronimo, Lisbon
25 dms, A Corrao, Lisbon
100 cks, Lekas & Drivas, Seville
50 dms, Hellenic Bank, Seville
75 dms, Seville
10 dms, Pan-American Trust Co, Seville
2,050 cs, Seville
100 dms, Pompeian Olive Oil Co, Patras
25 dms, Guaranty Trust Co, Seville
45 dms, Chemical Bank Trust Co, Seville
25 dms, Public National Bank, Seville
130 dms, Strohmeyer & Arpe Co, Seville
50 dms, Hellenic Bank Trust Co, Seville
200 dms, W A Taylor & Co, Seville
100 dms, Venice Import Co, Seville
200 dms, Banco di Napoli, Seville
225 dms, National City Bank, Seville
25 dms, Corn Exchange Bank Trust Co, Seville
1,125 cs, 300 dms, Seville
1,055 cs, Genoa
100 cs, N Y-Cuba Mail S S Co, Malaga
100 dms, Leghorn Trading Co, Malaga
ORANGE—4 cs, G Gaguine, Kingston
8 cs, 50 cks, United Trust Co, Kingston
PALM—117 dms, Balfour, Guthrie & Co, Port Harcourt
823 tons, Balfour, Guthrie & Co, Burutu
1,163 tons, Banque Belge pour l'Etranger, Belawan Deli
1,072 tons, Belawan Deli
PALMAROSA—2 pots, Volkart Bros, Bombay
PATCHOULI—5 cs, Dodge & Olcott Co, Colombo
10 cs, Colombo
PERILLA—Quantity, Mitsui & Co, Kobe
Quantity, Mitsui & Co, Nagoya
PIMENTO LEAF—7 cs, Geo Lueders & Co, Kingston
2 dms, Kingston
ROSE—10 cs, American Express Co, Genoa
ROSEWOOD—104 dms, Manaos
ORE—200 bgs, Mineral & Metal, Ltd, Buenos Aires
PAPAIN—13 half cs, Colombo
28 half cs, R J Prentiss & Co, Colombo
PAPRIKA—125 bgs, Hudson Tea & Spice Co, Lisbon
25 bgs, O Miller, Lisbon
100 bgs, M J Golombeck, Lisbon
50 bgs, Mutual Spice Co, Lisbon
100 bgs, Safe Owl Prod Co, Lisbon
25 bgs, Chase National Bank, Lisbon
200 bgs, National City Bank, Rotterdam
PEATMOSS—3,857 bls, Halfmoon Mfg Trading Co, Rotterdam
5,020 bls, Peat Import Co, Rotterdam
1,622 bls, Premier Peatmoss Corp, Rotterdam
PEPPER, BLACK—1,066 bgs, O Gerdau Co, Macassar
2,474 bgs, Bombay
450 bgs, Bombay
PERFUMERY, SYN—35 cs, Firmenich & Co, Genoa
4 cs, Ungerer & Co, Genoa
PIMENTO—100 bgs, W & A Leaman, Kingston
400 bgs, J A Manton, Kingston
100 bgs, Barclay Bank, Kingston
100 bgs, Mincing Trading Corp, Kingston
100 bgs, Royal Bank of Canada, Kingston
500 bgs, Kingston
100 bgs, Barclay Bank, Kingston
200 bgs, United Fruit Co, Kingston
POPPYSEED MEAL—15 bgs, L Ruhe, Rotterdam
PUMICE—411 bgs, C B Chrystal & Co, Canneto
2,260 bgs, K F Griffiths Co, Canneto
LUMP—4,000 bgs, K F Griffiths Co, Canneto
PYRETHRUM FLOWERS—625 bls, Mombassa
32 bls, Dar Es Salaam
QUASSIA CHIPS—60 bgs, Peek & Velsor, Kingston
160 bgs, J L Hopkins & Co, Kingston
QUEBRACHO EXTRACT—3,000 bgs, Anglo Canadian Leather Co, Buenos Aires
1,095 bgs, Beardsmore & Co, Buenos Aires
9,074 bgs, Tannin Corp, Buenos Aires
11,300 bgs, Interntional Selling Corp, Buenos Aires
QUICKSILVER—36 flasks, Chase Natl Bank, Vera Cruz
QUININE—11 cs, Rohner, Gehrig & Co, Rotterdam
RAPESEED—200 bgs, Bankers Trust Co, Antwerp
RICE FLOUR—4 bgs, L Carbone, Genoa
ROOT, MEDICINAL—191 bls, National City Bank, Antwerp
66 bls, S B Penick & Co, Antwerp
SANDALWOOD—550 bgs, Bombay
SAWDUST—350 bgs, State Chem Co, Rotterdam
SEED, MEDICINAL—27 bls, Irving Trust Co, Genoa
SENNA LEAVES—298 bls, S B Penick & Co, Colombo
85 bls, Colombo
65 bls, J L Hopkins & Co, Colombo
SHARK LIVER—4 dms, Chase Natl Bank, Havana
SHELLAC—100 bgs, Philadelphia Natl Bank, Calcutta
100 bgs, Wm Zinsser & Co, Calcutta
950 bgs, E E Androvette, Calcutta
SEEDLAC—420 bgs, Ralli Bros, Caclutta
600 bgs, Wm Zinsser & Co, Calcutta
400 bgs, Calcutta
200 bgs, E E Androvette, Calcutta
SIENNA—100 bgs, Reichard-Coulston, Leghorn
SILVER SULPHIDES—94 bgs, Antofagasta
SODA, SULPHITE—5 dms, Phoenix Shipping Co, Rotterdam
SPONGES—35 bls, N Y & Cuba Mail S S Co, Havana
20 bls, J E Bernard & Co, Havana
18 bls, Havana
7 bls, J E Bernard & Co, Havana
58 bls, J E Bernard & Co, Nassau
3 bls, J H Rhodes & Co, Nassau
11 bls, Schroeder & Tremayne, Nassau
4 bls, Nassau
REFUSE—3 bls, J E Bernard & Co, Havana
211 bls, Johns Manville Corp, Havana
SQUILL—3 tons, J L Hopkins & Co, Algiers
STARCH, POTATO—1,145 bgs, Stein, Hall & Co, Rotterdam
SOLUBLE—100 bgs, Stein, Hall & Co, Rotterdam
STORAX—38 cs, Harwing Import Co, Izmir
TALC—200 bgs, Charles Mathieu, Leghorn
300 bgs, Irving Trust Co, Leghorn
200 bgs, Mitsubishi-Shoji-Kaisha, Osaka
TANKAGE—1,792 bgs, H J Baker & Bros, Buenos Aires
TAPIOCA FLOUR—1,103 bgs, Chase Natl Bank, Macassar
500 bgs, Stein, Hall & Co, Macassar
398 bgs, Balfour, Guthrie & Co, Macassar
30,855 bgs, Corn Product Refg Co, Porto Plata
500 bgs, Stein, Hall & Co, Batavia
2,140 bgs, Balfour, Guthrie & Co, Batavia
TARTAR—140 bgs, San Antonio
TEAWASTE—1,115 bgs, Chemical Bank Trust Co, Calcutta
TUNGSTEN—389 bgs, Callao
URANIUM METAL RESIDUE—178 cks, Central Trading Corp, Antwerp
MINERAL RESIDUE—175 cks, Central Trading Corp, Antwerp
OXIDE, BLACK—50 dms, Central Trading Corp, Antwerp
UVA URSI—95 pkgs, Brown Bros Harriman Co, Genoa
VALONIA—2,579 bgs, Barkey Import Co, Behram
8,094 bgs, Barkey Import Co, Izmir
VANADIUM—18,777 bgs, Vanadium Co, Callao
VANILLA BEANS—43 cs, French Line, Macassar
VARNISH—1 cs, Penson & Co, Rotterdam
WAX, BEES—10 bls, Gillespie & Co, Port Prince
27 bgs, D Steengrafe, Havana
10 bgs, Olavarria & Co, Havana
149 blocks, Lisbon
154 bls, Wessel, Duval & Co, Lisbon
93 bls, L A Salomon & Bros, Lisbon
49 bls, Lenape Trading Co, Lisbon
102 bls, F B Ross & Co, Lisbon
15 bgs, R Desvernine, Havana
22 bgs, Curacao Trading Co, Trujillo
83 bgs, Schutte & Focke, Trujillo
57 bgs, McMiller Candle Co, Alexandria
6 seroons, Porcella, Vicini & Co, Trujillo
13 bgs, Schutte & Focke, Trujillo
65 bgs, Irving Trust Co, Trujillo
46 bgs, Porcella, Vicini & Co, Porto Plata
CARNAUBA—463 bgs, Strohmeyer & Arpe Co, Para
MONTAN—2,450 bgs, Strohmeyer & Arpe Co, Rotterdam
VEGETABLE—100 bgs, Wessel, Duval & Co, Cristobal
WHITING—16,000 bgs, N Weitzner, Antwerp
WINE LEES—498 bgs, Standard Brands, Lisbon
WOODFLOUR—800 bgs, State Chem Co, Rotterdam

New York Transit Imports

ACID, PHOSPHORIC—1 cs, H Kempner, Rotterdam, Galveston
ANTIMONY, SULPHATE—1 cs, H Kempner, Rotterdam, Galveston
CHEMICALS—9 cks, Canadian & Pacific R R, Genoa, Canada

CORKS—46 bls, Ontario Cork Co, Lisbon, Toronto
DYES, ANILIN—88 dms, Canadian & Pacific R R, Genoa, Canada
ERGOT—39 cs, Eli Lilly & Co, Lisbon, Indianapolis
FERRUM HYDROGEN—40 cs, H Kempner, Rotterdam, Galveston
GLYCERIN—10 bbls, Parke, Davis & Co, Rotterdam, Detroit
PAPAIN—357 cs, American Ferment Co, Colombo, Buffalo
SODA, SULPHIDE—5 cs, H Kempner, Rotterdam, Galveston
TALC—170 bgs, D M Steward Mfg Co, Lourenco Marques, Chattanooga, Tenn
ZINC OXIDE—1 cs, H Kempner, Rotterdam, Galveston

Baltimore Imports

IRON ORE—6,571 tons, Leo J Buck, Inc., Narvik
21,500 tons, Bethlehem Steel Co, Cruz Grande
6,253 tons, Leo J Buck, Inc, Narvik
6,315 tons, Leo J Buck, Inc, Narvik
MANGANESE ORE—7,600 tons, Rio Janeiro
OIL, FUEL—90,000 bbls, Standard Oil Co N J, Cartagena
PETROLEUM, CRUDE—96,300 bbls, Standard Oil Co N J, Las Piedras

Los Angeles Imports

ALUMINA SILICATE—115,360 lbs, Calcutta
CASSIA—5,600 lbs, Hongkong
ROLLS—100 bls, 13,230 lbs, Hongkong
COCONUT, DESIC—2,815 pkgs, 354,250 lbs, Manila
112,460 lbs, Philippine Islands
700 lbs, Philippine Islands
COCONUTS—350 bgs, 49,000 lbs, Kingston
COPRA MEAL—2,240 sx, 224,000 lbs, Manila
7,000 bgs, 700,000 lbs, Manila
12,220 bgs, 1,222,000 lbs, Manila
DRUGS—7,420 lbs, Hongkong
FISHMEAL—1,200 bgs, 154,560 lbs, Ensenada
GLASS, SHEET—177 cs, 22,790 lbs, Leghorn
MEDICINAL PREPS—920 lbs, Hongkong
OCHER, POWD—10,000 lbs, Marseilles
OIL, CITRONELLA—2,350 lbs, Dutch East Indies
COD—50 dms, 20,000 lbs, Japan
OLIVE—60 cs, 25 dms, 17,250 lbs, Leghorn
100 cs, 10,420 lbs, Leghorn
PEANUT—4,250 lbs, Hongkong
3,600 lbs, Hongkong
TALLOW—23 dms, 11,480 lbs, China
WOOD—300 dms, 120,000 lbs, Hongkong
PEATMOSS—243 bls, 15,680 lbs, Canada
QUEBRACHO EXTRACT—400 bgs, 43,170 lbs, Asuncion
RAPESEED—312 sx, 49,920 lbs, Kobe
ROOTS—20 lbs, Yokohama
SAGO FLOUR—7,910 lbs, Singapore
SOAP TOILET—380 lbs, Koba
SODA NITRATE—68,608 bgs, 7,187,220 bgs, Tocopilla
TANKAGE—45,940 lbs, Buenos Aires
TAPIOCA FLOUR—2,250 lbs, Hongkong
WAX, MINERAL—424 bgs, 56,070 lbs, Palembang

New Orleans Imports

BLUE VITRIOL—97 tons, Tela
GASOLINE—54 tons, Cartegena; 110 tons, Co, Colba
745 sx, Fruit Dispatch Co, Tela

Philadelphia Imports

BONEMEAL—2,417 bgs, Bourgas
COCOA BEANS—800 bgs, Lavino Shipping Co, Liverpool
3,500 bgs, Bahia
1,000 bgs, National City Bank, Bahia
5,500 bgs, Ilheus
1,000 bgs, Bankers Trust Co, Bahia
14,500 bgs, Bahia
5,000 bgs, Bank of Manhattan, Bahia
1,000 bgs, Guaranty Trust Co, Bahia
1,000 bgs, National City Bank, Bahia
CORK, VIRGIN—4,580 bls, Armstrong Cork Co, Faro
WASTE—6,176 bls, Armstrong Cork Co, Faro
WOOD—401 bls, Armstrong Cork Co, Faro
CRYOLITE—3,240 tons, Ivigtut
FLAXSEED—1,267 tons, Argentina
SCREENINGS—54 tons, Argentina
HEMPSEED—462 bgs, Mitsui & Co, Ltd, Dairen
IRON, OXIDE—1,507 bbls, F B Vandegrift & Co, Malaga
SPONGE—153,310 kilos, Gothenburg
MEAKIN MEAL—4,000 bgs, Mitsubishi Shoji Kaisha, Ltd, Seishin
MINERALS—1 pkg, Foote Mineral Co, Piraeus Piraeus
MOLASSES—1,611,315 gls, Pastelillo
466,601 gls, Havana
MOULD WASH—1 dr, E F Houghton & Co, Liverpool
OIL, CODLIVER—140 drs, Ezl Dunwoody & Co, Bergen
25 bbls, Certified Laboratories, Bergen
575 drs, The Fox Co, Bergen
110 drs, Seaboard Supply Co, Bergen
OLIVE—50 drs, British-French Discount Bank, Ltd, Piraeus
150 cs, Central Hanover Bank & Trust Co, Leghorn
400 cs, Psaki Bros, Leghorn
250 cs, G Foti, Leghorn
RAPE SEED—298 tons, Mitsui & Co, Kobe
PETROLEUM, CRUDE—93,011 bbls, Atlantic Refining Co, Las Piedras
SODA SILICOFLUORIDE—200 bbls, H Kohnstamm & Co, Copenhagen
1,000 bgs, Sterling Supply Co, Copenhagen
TALLOW RES—708 bgs, Buenos Aires
TANKAGE—1,016 bgs, Buenos Aires
WAX—100 cs, Philadelphia National Bank, Mozi
WITHERITE—100 tons, Manchester

Current Market Quotations

—Continued from page 21

Zinc Arsenite—Zirconium

Zinc, arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12 -	—
l.c.l., bags	lb.	.12½-	—
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.			
Carbonate, tech., bbls	lb.	.14 -	.16
USP, precip., powd., bbls	lb.	.31 -	—
dms.	lb.	.26 -	—
kgs.	lb.	.28 -	—
Chloride, tech., fused, dms., c.l., works..100 lbs.		4.25 -	—
l.c.l., works..100 lbs.		4.60 -	—
gran., dms., c.l., works, 100 lbs.		5.00 -	—
l.c.l., dms., works.100 lbs.		5.75 -	—
USP, 200-lb. dms	lb.	.25 -	—
25-lb. jars	lb.	.31 -	—
solution, 50%, dms., c.l. works	lb.	.0290-	—
l.c.l., works	lb.	.04 -	.04½
tanks, works	lb.	.0225-	—
Cyanide, kgs., works	lb.	.33 -	—
Dust, bbls., c.l., dlvd	lb.	.08½-	—
l.c.l., bbls., dlvd	lb.	.09 -	—
Iodide, N.F., bots	lb.	4.15 -	—
jars	lb.	4.20 -	—
Fluoride, bbls	lb.	.20 -	.25
Metal (see daily quotations in Market report).			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
bgs., l.c.l., ex whse., Pac. cst	lb.	.06½-	.07¾
bbls., c.l., dlvd	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse. Pac. cst.	lb.	.06¾-	.08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
35%, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
bbls., l.c.l., dlvd., except Pac.cst.	lb.	.06¼-	—
ex whse. Pac. cst	lb.	.06¼-	—
Zinc oxide, pigment, dom., Amer. process, coml., leaded, 50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606-	—
rac. cst.	lb.	.0612-	—
l.c.l., dlvd., except Pac. cst	lb.	.0631-	—
bgs., ex whse., Pac. cst.	lb.	.0631-	—
bbls., c.l., dlvd.	lb.	.0631-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656-	—
ex whse., Pac. cst.	lb.	.0656-	—
French process, com'l, lead free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
ex whse., Pac. cst.	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
green seal, bgs., c.l., dlvd.	lb.	.08 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¼-	—
ex whse., Pac. cst.	lb.	.08¼-	—
bbls., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08½-	—
ex whse., Pac. cst.	lb.	.08½-	—
red seal, bgs., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾-	—
ex whse., Pac. cst.	lb.	.07¾-	—
bbls., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08 -	—
ex whse., Pac. cst.	lb.	.08 -	—
white seal, bgs., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾-	—
ex whse., Pac. cst.	lb.	.08¾-	—
ex whse., bbls, c.l.	lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.09 -	—
ex whse., Pac. cst.	lb.	.09 -	—
import, gold seal, cks., ex whse.	lb.	.13 -	.14
green seal, bbls., ex whse.	lb.	.10 -	—
white, seal, cks., ex whse.	lb.	.11 -	.12½
USP, bbls., c.l.	lb.	.09½-	—
Palmitate, bbls	lb.	.24½-	.26½
Resinate, fused, pale, bbls.	lb.	.19 -	—
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.21½-	—
l.c.l., 1 ton	lb.	.22½-	—
1,000-2,000 lbs	lb.	.23½-	—
less than 1,000 lbs	lb.	.24½-	—
U.S.P., bbls	lb.	.22½-	.24½
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 -	—
l.c.l.	100 lbs.	3.50 -	—
bbls., c.l.	100 lbs.	2.90 -	—
l.c.l.	100 lbs.	3.05 -	—
flake, bgs., c.l.	100 lbs.	3.10 -	—
l.c.l.	100 lbs.	3.85 -	—
bbls., c.l.	100 lbs.	3.25 -	—
l.c.l.	100 lbs.	4.00 -	—
powd., bgs., c.l.	100 lbs.	4.25 -	—
l.c.l.	100 lbs.	5.10 -	—
bbls., c.l.	100 lbs.	4.50 -	—
l.c.l.	100 lbs.	5.25 -	—
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07½-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.07¾-	—
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd.	lb.	.07¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08 -	—
barium, calcium or magnesium pigments, bgs., c.l., (20 tons) dlvd.	lb.	.05¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., (20 tons), dlvd.	lb.	.05½-	—
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.05¾-	—
Sulphocarbolate, NF, bbls	lb.	.34 -	.36
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 -	—
l.c.l., works	100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¼-	—
ex whse., Pac. cst.	lb.	.05¼-	—
Zirconium nitrate, kgs., works.	lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works	ton	75.00 -	100.00
white, 99%, rgd., kgs., works,	lb.	1.20 -	2.00

Exports from U.S. Ports

Los Angeles Exports

ACETONE—40 dms, 14,320 lbs, Sourabaya; 50 dms, 17,900 lbs, Buenos Aires; 125 dms, 44,750 lbs, Yokohama
ACID, ACETIC—50 lbs, Quito
BORIC—60 bgs, 6,720 lbs, Calcutta; 80 bgs, 8,960 lbs, Madras; 200 bgs, 22,050 lbs, Rotterdam; 1,200 bgs, 134,400 lbs, Antwerp; 400 bgs, 39,600 lbs, Vancouver; 140 bgs, 15,680 lbs, Madras
SULPHURIC—24 cbys, 4,370 lbs, Manila
ALUMINUM POWDER—50 lbs, Hongkong
AMMONIA SULPHATE—3,000 sx, 297,930 lbs, Manila
ASPHALT—6 dms, 2,860 lbs, Yokohama
BENTONITE—22,400 lbs, Sourabaya; 100 lbs, Bombay
BLACK, CARBON—5,000 lbs, Buenos Aires
BORATE—3,077 bgs, 536,570 lbs, Osaka/Yokohama; 8,870 bgs, 112,270 lbs, Antwerp; 2,492 bgs, 429,950 lbs, Osaka/Yokohama
BORAX—1,340 bgs, 149,730 lbs, Calcutta; 10 bgs, 1,120 lbs, Madras; 545 bgs, 60,090 lbs, Cartagena; 2,000 bgs, 224,000 lbs, Rotterdam; 2,440 bgs, 291,200 lbs, Antwerp; 1,000 bgs, 110,230 lbs, Shanghai; 320 pkgs, 32,000 lbs, Manila; 509 bgs, 56,620 lbs, Shanghai
BUTYL ACETATE—10 dms, 3,940 lbs, Sourabaya; 25 dms, 9,850 lbs, Batavia
CLAY, FILTER—109,760 lbs, Norrkoping; 20,000 lbs, Callao
GROUND—400 bgs, 46,320 lbs, Comilla; 40,320 lbs, Syriam
CLEANER—260 lbs, Hongkong
COBALT ACETATE—300 lbs, Hongkong
COLOR, CEMENT—8,750 lbs, Cristobal
DIATOMACEOUS EARTH—323 bgs, 33,110 lbs, Calcutta; 1,099 bgs, 109,900 lbs, Buenos Aires; 1,965 bgs, 198,660 lbs, Antwerp; 2,205 bgs, 219,520 lbs, Rotterdam; 2,000 bgs, 205,000 lbs, Bugo; 375 bgs, 33,520 lbs, Madras
DISTILLATE, FURNACE—810 bbls, Shanghai
ETHYL KETONE—87 dms, 31,840 lbs, Balik Papan; 50 dms, 18,300 lbs, Buenos Aires
FILM SCRAP—4,270 lbs, Copenhagen
GASOLINE—10,602 bbls, Tokuyama; 60,890 bbls, Manila/Cebu; 4,000 dms, Yokohama; 500 dms, 1,750 cs, Manila
AVIATION—7,540 bbls, Manila/Cebu
GREASE—5cs, 210 lbs, Sourabaya; 6 cs, 230 lbs, Semarang; 26 pks, Batavia
INSECTICIDE—330 lbs, Panama City
IRON OXIDE—8,220 lbs, Hongkong
KEROSENE—500 cs, Manila; 4,000 cs, Penang; 400 cs, Puntarenas; 23,165 bbls, Manila/Cebu; 6,000 cs, Manila; 25,000 bbls, Ioco
LACQUER—970 lbs, Calcutta; 480 lbs, Karachi; 550 lbs, Manila
THINNER—530 lbs, Calcutta; 2,640 lbs, Karachi; 7,040 lbs, Bombay; 1,760 lbs, Manila
LITHOPONE—280 bgs, 14,000 lbs, Hongkong
METHANOL—800 lbs, Hongkong
METHYL ETHYL KETONE—251 dms, 91,860 lbs, Yokohama
NICOTINE SULPHATE—60 lbs, Panama City
OIL, DIESEL—41,650 lbs, Osaka; 1,614 bbls, Shanghai; 1 cs, Shanghai; 17,552 bbls, Manila/Cebu; 38,812 bbls, Osaka; 42,445 bbls, Osaka; 2,239 bbls, Manila
FISH, FLAKE—1,000 bgs, 100,000 lbs, Manila
FUEL—6,152 bbls, Opok; 7,708 bbls, Vancouver; 25,602 bbls, Osaka
GAS—87,885 bbls, Ioco; 74,103 bbls, Curacao
LUBRICATING—85 pkgs, Semarang; 94 pkgs, Sourabaya; 50 dms, Batavia; 1 bx, 175 dms, Calcutta; 1 dm, Mexicali; 139 pkgs, Batavia; 45 pkgs, Semarang; 36 pkgs, Medan; 22 pkgs, Padang; 11 dms, Manila; 1,164 bbls, Port Moody
PINE—25 dms, 12,420 lbs, Manila
PAINT—218 pkgs, 31,790 lbs, Palembang; 1,600 lbs, Yokohama; 230 lbs, Manila
DRIER—630 lbs, Hongkong
PARIS GREEN—5 dms, 1,000 lbs, Balboa
PECTIN—100 lbs, Vancouver
CITROUS—2,600 lbs, Axel Johnson, Stockholm
PETROLEUM, CRUDE—73,533 bbls, Tokuyama; 90,571 bbls, Yokohama; 87,290 bbls, Tokuyama; 47,731 bbls, Kudamatsu
POTASH ALUM—50 lbs, Quito
MURIATE—4,000 bgs, 799,680 lbs, Mayaguez
SULPHATE—2,000 bgs, 400,960 lbs, Mayaguez
RESIN, SYNTHETIC SOLUT—710 lbs, Hongkong
SOAP POWDER—870 lbs, Vancouver; 800 cs, 42,350 lbs, Manila
TOILET—410 lbs, Shanghai
SODA ASH—500 sks, 77,000 lbs, Sourabaya; 55,900 lbs, Palembang; 10,000 lbs, Panama City
BISULPHATE—4,000 lbs, Vancouver
CAUSTIC—15,810 lbs, Manila
NITRATE—269 bgs, 44,920 lbs, Shanghai
SILICATE—70 dms, 41,000 lbs, Panama City
STEARIN, WAX, VEG—1,000 bgs, 100,000 lbs, Manila
SULPHUR—420 bgs, 63,000 lbs, Manzanillo
TALC—4,480 lbs, Puntarenas; 40,000 lbs, Manila
TITANIUM OXIDE—600 lbs, Hongkong
TOILET PREPS—2,200 lbs, Sourabaya; 350 lbs, Aruba; 650 lbs, Stockholm; 460 lbs, Panama City; 110 lbs, Caguas; 200 lbs, San Juan; 550 lbs, Singapore; 1,500 lbs, Manila; 910 lbs, Hongkong; 150 lbs, Cristobal
ZINC OXIDE—10,000 lbs, Hongkong

New Orleans Exports

BLUE VITRIOL—97 tons, Tela
GASOLINE—54 tons, Cartegena; 110 tons, Tela; 76 tons, Livingston; 110 tons, Puerto Cortez
KEROSENE—20 tons, Livingston
LARD—74 tons, Barranquilla
OIL, FUEL—79 tons, Belize; 15 tons, Livingston; 14 tons, Puerto Cortez
ROSIN—39 tons, Cartagena; 55 tons, Kingston
SALT—153 tons, Kingston
SODA NITRATE—164 tons, Kingston
UREA—145 tons, Tela

Coastwise Shipments
Los Angeles Coast Trade

GASOLINE—67,819 bbls, Portland; 14,908 bbls, San Diego; 7,445 bbls, San Diego; 4,800 bbls, Seattle; 14,010 bbls, Oleum; 28,723 bbls, Richmond; 32,734 bbls, Avon; 42,343 bbls, Richmond; 58,000 bbls, Portland; 7,298 bbls, San Diego; 71,844 bbls, San Francisco
KEROSENE—11,679 bbls, Oleum
DISTILLATE—5,971 bbls, Seattle
OIL, DIESEL—4,747 bbls, Portland; 2,229 bbls, San Diego; 23,000 bbls, Portland; 1,446 bbls, San Diego; 5,972 bbls, Seattle; 6,482 bbls, Seattle
FUEL—2,614 bbls, Portland; 67,732 bbls, Portland; 6,456 bbls, San Diego; 32,783 bbls, Oleum; 96,375 bbls, Richmond; 59,000 bbls, Portland; 9,451 bbls, Oleum; 2,431 bbls, Portland; 23,271 bbls, Willbridge; 48,902 bbls, Seattle; 69,932 bbls, Seattle; 18,023 bbls, Seattle
FURNACE—5,899 bbls, Portland; 2,193 bbls, San Diego; 6,206 bbls, Seattle
SOLVENTS, CLEANING—2069 bbls, Seattle

Imports Detained

Detention recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York
Week Ended October 25

Balsam, Nicaraguan, 21 cases; restricted use.
Cassia oil, 10 drums; not U.S.P.
Codliver oil, 423 drums; false and misleading statements.
Codliver oil, 120 drums; restricted use.
Flavoring powder, 50 cases; false and misleading statements.
Eucalyptus oil, 10 drums; restricted use.
Medicinal preparation, 6 cases; false therapeutic claims.
Nutmegs, 443 bags; restricted use.
Sage leaves, 45 bales; filthy.
Sesame seed, 786 bags; filthy.

Atlanta
Week Ended October 25

Medicinal preparation, 1 package; new drug; false therapeutic claims.

Boston
Week Ended October 25

Cocoa beans, 12,155 bags; water damaged.
Cod oil, 13,448 gallons; restricted use.
Medicinal preparation, 1 box; false misleading statements.

Buffalo
Week Ended October 25

Codliver oil, 50 drums; restricted use.

Philadelphia
Week Ended October 25

Cumin seed, 80 bags; filthy.

Synthetic Resins Discussed

Interesting items relevant to the use of synthetic resins in paints and protective coatings appear in the October issue of *Durez Resin News*, house organ of Durez Plastics & Chemicals, Inc., North Tonawanda, N. Y. Metallized finishes for molded plastics, lawn furniture whites, and increasing perilla oil viscosity are among the topics discussed. Copies of the leaflet may be obtained by addressing the Durez organization, mentioning the REPORTER.

Lac Research Laboratory has resumed its operations in the chemical engineering department of University College, Gower street, W. C. 1, London, England.

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Oct. 2 issue; the next printing will be in the Nov. 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 31.

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komora and Maine Sts
Est. 1854 NEWARK, N. J.

Pest Control Ass'n Asks For Broader U.S. Research

—*Continued from page 4*

Resolutions voted at the meeting were as follows:—

Recommend and urge that there be included in the budget estimates for 1940-41 request for appropriations to the Bureau of Entomology and Plant Quarantine which will aequately provide personnel and expenses for much needed research on the life histories, habits and control of household insects, including particularly such pests as clothes moths, carpet beetles, silverfish, roaches, larder beetles, furniture beetles, budbugs, psocids and termites.

Recommend and urge that there be included in the budget estimates for 1940-41 request for appropriations to the Bureau of Biological Survey which will adequately provide for research on rat and mouse control with special reference to fumigants, poisons and types of baits most attractive, as well as studies on the habits and life histories of these pests as they apply to control under varying conditions.

That the association and its members recommend and urge that Congress provide increased appropriations for these purposes.

Defense Against Pests

A chemical arsenal to combat pests was described by Dr. M. D. Leonard, of E. I. du Pont de Nemours & Co. Insects and rats are being fought in the first really concerted drive in history, he said, with fumigants and insecticides supplied by the modern chemical industry. Scientific exploration is providing better weapons for defense against insects and other destroyers than ever before, he said. Dr. Leonard cited the demoralizing path of death and destruction trailing the wake of scourges spread by pests. He described new work directed at extermination of destructive species. He emphasized particularly the importance of biological research in solving the mounting problems of pest riddance.

Assistant Surgeon General C. L. Williams of the United States Public Health Service took occasion to clear up the impression that is going around to the effect that rats are carriers of infantile paralysis. The true state of affairs, he said, is that it has been possible in the laboratory to infect a species of field rat, the so-called cotton rat of the Southern States, with infantile paralysis by inoculating the virus into the rat's brain but that there is no evidence that rats in general carry the disease. The speaker said, however, that another disease of the nervous system; namely lymphocytic choriomenigitis, appears to be a natural infection among ordinary house mice although its transfer to human beings apparently occurs only occasionally.

Pyrethrum Extracts

What the test control operator should know about pyrethrum, Cady S. Corl, representing Allaire, Woodward & Co., Peoria, was covered in a short talk. He also discussed some important phases of the pyrethrum and concentrated pyrethrum extract problems, the proper practical evaluation of the various grades of pyrethrum as well as a generally discussing the various types of process in use for the manufacture of concentrated pyrethrum extract, together with such discussed questions as keeping quality grades and correlation between chemical analysis and biological testing.

Neely Turner, assistant entomologist, of the Connecticut Agricultural Experiment Station, New Haven, Conn., in discussing the New England termite problem said that an analysis of more than 1,000 cases of infested buildings and an accurate case history record of almost 100 buildings has indicated that use of complete metal termite shields has been highly satisfactory in Connecticut, that many of the buildings treated with soil poisons alone have been reinfested regardless of the material used; that the average carpenter has done very poor termite control work; that most of the soil poisoning, whether done by homeowners or so-called termite control experts, has been very poorly done, and that we believe that a system of comparatively inexpensive structural changes accompanied by a careful and thorough soil treatment is logical in about seven out of ten infested buildings in this area.

In discussing the toxicity of phosphorus to cockroaches, F. L. Campbell, associate professor of entomology at Ohio State University, said that in a study of the toxicology of phosphorus against large nymphs of the American and German cockroaches a commercial 2 percent phosphorus paste was used as the source of phosphorus. In this product phosphorus is finely dispersed and suspended in a viscous medium.

He said by qauntitative feeding of phosphorus paste diluted with syrup, the median lethal dose of phosphorus for the American cockroach was found to be 0.02 mg. per gm., showing that it is a highly toxic stomach poison for this specie. Phosphorus was much more toxic to the American cockroach than was sodium arsenite or sodium fluoride when the latter were fed in the same viscous medium and phosphorus was imbibed more rapidly and with less regurgitation than were the other two poisons. Sodium arsenite was more toxic in water than in syrup, but even in water it was less toxic than phosphorus.

Dr. Campbell said the German cockroach was less susceptible to phosphorus in paste diluted with syrup than was the American cockroach, the M.L.D. for the former being 0.13 mg. per gm. as compared with 0.02 mg. per gm. for the latter. The larger M.L.D. for the German cockroach cannot alone account for the failure of phosphorus paste to control this species in practice. He added that it is likely that the German cockroach does not imbibe paste as freely as does the American cockroach.

Importance of Chemistry

In speaking on the "Importance of Chemistry in Pest Control," R. C. Roark, of the Bureau of Entomology and Plant Quarantine, said that pest control through the use of chemicals is a branch of applied chemistry and that the pest control operator should know as much as possible about the chemistry of the materials he uses. He should know not only the physical and chemical properties of the insecticides and rat poisons he applies, but also their toxicology; that is, their hazard to the health of man and domestic animals not only when swallowed but also when breathed and when applied to the skin.

The pest control operator, Dr. Roark said, would do well to avoid the use of highly dangerous compounds of arsenic, lead, mercury, thallium, and other poisonous elements and substitute therefor as much as possible the safer organic materials such as pyrethrum, derris, cube, timbo and rotenone and the synthetic organic compounds that are appearing on the market. The trend, he added, is toward the use of synthetic organic insecticides, and the up-to-date pest control operator will make use of them to an increasing extent as their possibilities are explored by economic entomologists.

Insecticide Act Amendment

There has been prepared for submission to the ensuing regular session of Congress a bill amending the insecticide act to require the proper labeling and packaging of rodenticides and to provide for the setting up of standards of quality, William E. Riter, assistant chief of the Division of Predator and Rodent Control of Bureau of Biological Survey, told the meeting. He said the bill proposes that the provisions be administered by the Food and Drug Administration of the United States Department of Agriculture. If passed, he said it will protect the public from a flood of worthless rodenticides that sometimes find their way into the channels of trade through unscrupulous manufacturers. Such legislation, Mr. Riter added, will serve to place the stamp of integrity upon an association of this kind, whose members I am sure do not condone dishonest advertising and practices in conducting their business.

H. G. Sameth, in his address as president of the association, announced the establishment of an Advertising Institute to serve the national association and promote ideals of ethical advertising. Anti-rat campaigns came into mention in the president's address. He said that the program of the association has as its ultimate goal the preservation and improvement of sanitation and public health. He said the association does not favor the free distribution of baits, or baits at cost. However, he added, the association does wish to cooperate with Federal and city government. He was of the opinion that rat campaign can best be handled by local pest control companies at less cost.

Officers Elected

President, Walter S. McCloud, of the W. B. McCloud & Co., Chicago; regional vice-president, Atlanta, Otto Orkin, of the Orkin Exterminating Company; Cleveland, A. M. Akers, of the Rose Exterminator Company; Pasadena, Wilbur F. Smith, of the Alderman Company; Boston, Charles E. Houghton, of the Safety Fumigant Co., Dallas, Alfred Zimmerman, secretary (re-elected), W. O. Buettner, of Oscar Buettner & Son, Brooklyn, treasurer (re-elected), George R. Elliott, Rainsford Insecticide Company, Worcester, Mass.

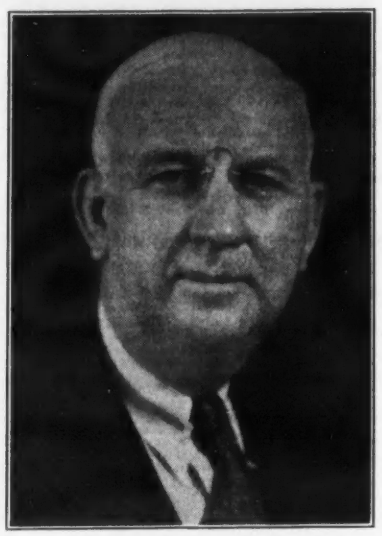
The association voted to hold the 1940 meeting in Indianapolis.

Obituaries

George H. Jackle

George H. Jackle, prominent in the fertilizer trade for forty-five years, died unexpectedly of a heart attack in his home in this city October 24. He was sixty-seven years of age.

Mr. Jackle was born and educated in Thomaston, Conn. As a young man he worked for the Seth Thomas Watch Company, but he entered the fertilizer trade in 1894 when he came to New



George H. Jackle

York and associated himself with Heller, Hirsch & Co., importer and dealer. In 1905 he was named office manager of that concern and held that position until 1915 when he joined the fertilizer importing and brokerage firm of G. S. Alexander & Co., Savannah, as its New York office manager. In 1921, with his son, Frank R. Jackle, he established his own business and since then had become known as one of the most important brokers in the trade. The business will be carried on under the direction of his son.

Besides his son, surviving are his wife, Mary Tuill Jackle; his mother, Mrs. Sarah Jackle; a brother, Frederick A., and a sister, Mrs. Frederick Seidel, the latter three of Waterbury, Conn.

Reginald F. Richard

Reginald F. Richard, general manager of the phosphate division of the Monsanto Chemical Company, died October 25 in a hospital in St. Louis after an illness of several months.

Born in Buffalo, N. Y., in 1884, Mr. Richard during his business career

Reginald F. Richard

was associated with the General Chemical Company from 1905 to 1933 in various positions connected with plant operations, being general manager at the time of his leaving to join the Swann Chemical Company, a company acquired by Monsanto in 1935. He was affiliated with various fraternal, scientific, and civic organizations, including the Engineers Club of New York, Chemists' Club, New York and the University Club, St. Louis. Surviving are his wife, Mrs. Mabel Richard, his mother and four children, Walter, Robert, Alice and Mrs. William King, Jr.

Howard G. Jones

Howard G. Jones, retired executive vice-president of the Standard Oil Company of Ohio, died October 20 in a hospital in Cleveland after an emergency operation. He was sixty-three years old.

Born in Niles, Ohio, Mr. Jones came to Chicago with his parents. His first position was an office boy for the late John D. Rockefeller, founder of the Standard Oil Company. He remained with the Standard Oil interests until his retirement in 1931. A sister survives.

Thomas J. Burke, a member of the traffic committee of the National Fertilizer Association for many years, died unexpectedly in Columbia, S. C.

Lee Cyr, vice-president of Berst-Forster Dixfield Company, match and paper company, Philadelphia, was found dead of a heart attack, in his office October 20. He was forty-seven years old.

Mrs. Josephine Fitzsimmons, wife of Charles J. A. Fitzsimmons, president of the Orbis Products Corporation, essential oils and gums, this city, died October 22. Mass was offered on October 25 in the church of St. Charles Borromeo, Brooklyn. Surviving are her husband, and a son, Charles S. Fitzsimmons.

Charles W. Priddy, president of the company bearing his name in Norfolk, Va., died recently. He was long prominent in the fertilizer industry.

Bids Wanted

Acid, Oleic:—1,100 pounds; Commanding Officer, Rock Island Arsenal, Ill.; invoice 247, opening November 1.

Alcohol, Denatured:—12,137 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; invoice 457, opening November 7.

1,200 gallons; Purchasing Agent, Post Office Department, Washington, D. C.; invoice 1380, opening November 1.

Ethyl:—1,200,000 pounds; Commanding Officer, Frankfort Arsenal, Pa.; invoice 541, opening November 17.

Barium Carbonate:—5,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invoice 546, opening November 2.

Carbon Tetrachloride:—140,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; invoice 447, opening November 3.

500 gallons; Commanding Officer, Frankfort Arsenal, Pa.; invoice 547, opening November 2.

Cream of Tartar:—1,000 pounds; Commanding Officer, Frankfort Arsenal, Pa.; invoice 546, opening November 1.

Drycleaning Solvent:—5,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; invoice 549, opening November 20.

Paint, Acidproof:—1,500 gallons; Commanding Officer, Rock Island Arsenal, Ill.; invoice 303, opening November 2.

Paraffin Wax:—6,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invoice 545, opening November 2.

Rust Preventive Comp.:—10,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; invoice 284, opening November 1.

Soap Bark, Powd.:—3,000 pounds; Commanding Officer, Frankfort Arsenal, Pa.; invoice 553, opening November 1.

Soap, Laundry:—6,000 pounds; U. S. Engineer, 308 Custom House, Wilmington, N. C.; invoice 60, opening November 3.

Sodium Orthosilicate:—25,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; invoice 285, opening November 1.

Phosphate, Tribasic:—1,500 pounds; Chief Clerk, Federal Correctional Institution, Sandstone, Minn.; invoice 105, opening November 1.

Trichlorethylene:—2,491 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; invoice 455, opening November 6.

Turpentine:—300 gallons; Procurement Division, Treasury Department, Washington, D. C.; invoice 6877-85, opening November 2.

Varnish, Dammar:—540 gallons; Procurement Division, Treasury Department, Washington, D. C.; invoice 6876-85, opening November 2.

Carbide & Carbon Issues Booklet on Fine Chemicals

An illustrated book on "Fine Chemicals" has just been published by Carbide and Carbon Chemicals Corporation. It offers a well-balanced array of commercial synthetic organic chemicals, including a wide choice of chemicals in each major organic family. In addition, a glimpse of the future is given by listing many "research" products, samples of which can be supplied on request. Complete tables of physical properties are included in the new book, enabling the chemist to tell rapidly the boiling points, water solubilities, flash points, and other necessary characteristics of these "Fine Chemicals." Copies of the book can be obtained from Carbide and Carbon Chemicals Corporation, 30 East 42nd Street, New York, N. Y., by mentioning the REPORTER

Industrial Uses of Chemicals and Related Materials

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Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-sixty-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Alfalfa-Seed Oil

(An oil from the seeds of Medicago sativa, L.,—American "Fancy Utah" variety)

Fats and Oils

Suggested for use as a vegetable oil offering the following properties—
- Specific gravity (25/25), 0.9253
- Refractive index, 1.4797
- Saponification value, 185.2
- Iodine value (Hanus), 167.8
- Acid value, 16.6
- Reichert-Meissl value, 0.6
- Polenske value, 0,2
- Unsaponifiable matter, 3.15 percent
- Titer, 19.7 degrees
- Saturated fatty acids, 7.1 percent
- Unsaturated acids, 89.8 percent

1-Chlor-2-nitrobenzene-4-propyl Sulphoxide

Dye

Reactant in—
- Dye synthesis

Starting point (Brit. 467549 and 500026) in making—
- Dyestuffs, giving yellow and greenish-yellow shades of good fastness to light, with—
  - Anilin
  - Mesidene
  - Metatoluidin
  - Orthotoluidin
  - Paratoluidin
  - Pseudocumidin
  - Xylidene

Dihydrotachysterol

Pharmaceutical

Claimed (U.S. 2070117) to be ten times as active as tachysterol in raising the blood-calcium level and to be more stable, being unaffected by oxygen

Ethanolamine Amygdalate

Pharmaceutical

Claimed (Brit. 496004) as—
- Urinary antiseptic (used in conjunction with ammonium chloride or ammonium nitrate)

Formylacrylic Acid

Chemical

Reactant in—
- Organic syntheses

Photographic

Hardening agent (Brit. 497023 and 499648) for—
- Gelatin
- Gelatin emulsions

Glyoxylic Acid

(Ethanol Acid, Glyoxalic Acid)

Chemical

Reactant in—
- Organic syntheses

Reactant in making—
- Ditartaric acid (U.S. 1181555)
- Glyoxylates (U.S. 1190845)
- Glycolic acid (U.S. 1227706)
- Mesotartaric acid (U.S. 1181555)
- Oxalic acid (U.S. 1227706)
- Tartrates (U.S. 1181555)

Photographic

Hardening agent (Brit. 497023 and 499648) for—
- Gelatin
- Gelatin emulsions

Mica

(Continued from October 23 issue)

Cosmetic

Ingredient (U.S. 1275275) of—
- Mouthwash
- Toothpaste

Electrical

Diaphragm material for—
- Listening devices
- Reproducing devices
- Speaking devices

Dielectric for—
- Battery parts
- Commutator parts
- Condensers
- Electrical heating units, such as cookers, irons, toasters
- Flexible wrappings and windings
- High potential insulation
- Induction coil tubes and forms
- Insulators
- Miscellaneous parts, such as disks, washers, bushings, sleeves, in electrical heat, power, and lighting
- Rheostats
- Separating copper bars in commutators
- Various purposes

Ingredient of—
- Insulating compositions

Process material in making—
- Commutators (U.S. 1255681, 1274411, and 1511316)
- Condensers (U.S. 1200063, 1210722, 1266377, 1479315, 1495577, 1502343, and 1517370)
- Conductors (U.S. 1510558)
- Core for electro-magnetic device (U.S. 1494070)
- Diaphragms in sound-reproducing systems (U.S. 1176326, 1199304, 1246552, 1289007, 1459803, and 1492969)
- Electrical insulation (U.S. 1128747, 1130268, 1138676, 1138691, 1153975, 1161989, 1166095, 1175424, 1200041, 1223881, 1228371, 1242592, 1242593, 1286043, 1409275, 1409276, 1409277, 1416036, 1423985, and 1493062)
- Electric conduit (U.S. 1227538)
- Fuse (U.S. 1215701)
- Heater (U.S. 1158487, 1158488, and 1318838)
- Lightning arrester (U.S. 1192835)
- Protector (U.S. 1219833)
- Resistance (U.S. 1352934)
- Selenium cell (U.S. 1156524)
- Storage battery separators (U.S. 1217739)
- Transformer (U.S. 1130268)

Explosives

Filler in—
- Nitroglycerin dynamites

Impregnating agent (U.S. 1340245) for—
- Shotgun shell fiber

Fats and Oils

Process material in making—
- Vegetable oil (U.S. 1209723)

Fertilizer

Ingredient of—
- Fertilizer compositions
- Fertilizer compositions (special) (U.S. 1209135, 1232452, 1261025, 1276555, 1441694, 1518565, 1518566, 1518567, and 1518571)

Source of potash for—
- Fertilizer compositions
- Soils deficient in potash

Firefighting

Fireproofing agent in treating—
- Fabrics (U.S. 1326232)
- Felt (U.S. 1326232)

Process material in making—
- Fireproof materials (U.S. 1237000)

Food

Imparter (to resinous lacquers and varnishes for food can interior linings and coatings) of—
- Abrasion resistance
- Corrosion by alkalies
- Erosion by steam
- Fruit acids resistance
- Hardness

Sterilizer (U.S. 1200651) for—
- Bread

Glass

Process material in making—
- Glass (U.S. 1394973)
- Reinforced glass (U.S. 1224530)

Leather

Process material in making—
- Artificial leather (U.S. 1493062)
- Leather substitutes (U.S. 1409275 and 1409276)

Linoleum

Filler and ornamentation agent

Lubricant

Filler in
- Axle greases
- Lubricants

Mechanical

Dielectric (U.S. 1912997) in—
- Conductivity cell for measuring the conductivity of boiler water at high temperature and pressure

Heat insulator in—
- Boiler coverings
- Pipe coverings
- Plastic cements

Lubricant for special purposes

Process material in making—
- Bearing composition (U.S. 1491466)
- Bearings (U.S. 1482414)
- Brakeshoe (U.S. 1205482)
- Gaskets (U.S. 1409275, 1409276, and 1409277)
- Heat insulation (U.S. 1230085 and 1301675)
- Packings (U.S. 1355830, 1409275, 1409276, and 1409277)

Metallurgical

In annealing steel

In casting iron (U.S. 1471190)

Ingredient (U.S. 1909217 and 1909218) of—
- Flux-coated welding rods

Process material in making—
- Molding sand (U.S. 1511939)
- Porous metals (French 576735 and 576736)

Miscellaneous

As an industrial material offering the following properties—
- Abrasion resistance
- Bindability
- Chemical inertia
- Chemical stability
- Dielectric
- Erosion resistance
- Flexibility
- Grindability
- High-temperature resistance
- Resilience
- Resonance
- Shock resistance
- Softness
- Splittability
- Tenacity
- Translucence
- Transparency

Ingredient of—
- Motion picture projection screens (Brit. 314719)

In ground form for—
- Decorative snow
- Diamond dust
- Fireproof packing
- Heat insulation
- Tinsel decorations

In sheet form for—
- Compass cases
- Compass dials
- Conning towers
- Divers' helmet windows
- Flexible windows, as in collapsible auto-tops
- Furnace windows
- Gasmask eyepieces
- Heatproof windows
- Lamp chimneys
- Lampshades
- Measuring devices
- Phonograph diaphragms
- Purposes where transparency coupled with resistance to heat and shock is required
- Safety goggle eyepieces
- Screens
- Shades of various kinds
- Shields of various kinds
- Sign lettering
- Stove door windows
- Substitutes for glass
- Windows for various purposes

Ornamentation agent for—
- Cloth
- Curtains
- Lamps
- Pottery
- Stage scenery

Process material (often base material) in making—
- Binders (U.S. 1409275)
- Buttons (U.S. 1160362 and 1160365)
- Confessional window (U.S. 1238689)
- Fabric covering (U.S. 1124087)
- Flower pot (U.S. 1212428)
- Gas mantle (U.S. 1123869)
- Goggle eyepieces (U.S. 1219815)
- Gold ball (U.S. 1364576)
- Index card (U.S. 1492679)
- Packing (U.S. 1355830)
- Phonograph soundbox (U.S. 1192833 and 1192834)
- Receptacle (U.S. 1212428)
- Rust-preventing composition (U.S. 1457169)
- Snow (imitation) (U.S. 1192372)
- Tenpin (U.S. 1518130)
- Trunks (U.S. 1160362 and 1160365)

Treating agent (U.S. 1326232) for—
- Coir

(To be continued)

Monochloroacetone

(Acetochlorhydrin, Acetochlorhydrine, Acetone Monochloree, Chloraceton, Cloracetona, Cloracetone, Chlorinated Acetone, Chloroacetone, Monochloracetone, Monochlorated Acetone, Monochlorinated Acetone)

Chemical

Reactant in—
- Organic syntheses

Reactant in making—
- Stovaine

Starting point (French 612035) in making—
- Emulsifying agents with phenol and hydrochloric acid
- Foaming agents with phenol and hydrochloric acid
- Tanning agents, for leather, with phenol and hydrochloric acid

Firefighting

Ingredient (U.S. 1270394) of—
- Chemical fire-extinguished (in admixture with carbon tetrachloride)

Military

Poison gas in—
- Chemical warfare

Photographic

Hardening agent (Brit. 497023 and 499648) for—
- Gelatin
- Gelatin emulsions

Resins

Starting point (Brit. 302666) in making—
- Resins with phenol

Paratoluene Sulphonethylamide

Chemical

Melting-point depresser (Brit. 461237 and 501527) in—
- Spinning and extruding processes for superpolyamides

Quachromoglucosate

(Tetrachromoglucosate)

Mechanical

Inhibitor of corrosion in—
- Air-washers
- Boilers
- Condensers
- Humidifiers
- Spray ponds
- Water systems

Water Treatment

Corrosion inhibitor for—
- Forming tenacious, adherent films under extreme conditions
- Waters which combine high sulphate and chloride contents with other corrosive factors

Corrosion inhibitor in—
- Systems where the water is not used for human consumption

5167 informative articles that have appeared in the department have been collected in a big book of universal usefulness to producers and users. **You Need It.** **$10** Postage paid in U. S. plus 39c postage elsewhere

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

WHOLESALE DRUG Company operating throughout Philippines and Orient, in excellent position to represent and distribute on exclusive agency basis for reputable manufacturers of mining, pharmaceutical and industrial fine and heavy chemicals, also proprietary remedies, moderately priced cosmetics. Write in full detail. BOX 581, Oil, Paint and Drug Reporter.

CINCINNATI FIRM established over twenty years and covering the State of Ohio and also Louisville, Kentucky, would be interested in representing A-1 producers of oils, pigments, chemicals or other raw materials. BOX 582, Oil, Paint and Drug Reporter.

NEW YORK FIRM with established nation-wide business, with processing and milling facilities, wants raw material line for pharmaceutical, food, paint or general industrial use; write. BOX 585, Oil, Paint and Drug Reporter.

Businesses Offered

FOR SALE—Sixty-year-old manufacturing business, best reputation, making a U.S.P. package item sold in every drug store; fully equipped factory. Sell, lease building. Would be good sideline. BOX 589, Oil, Paint and Drug Reporter.

Capital Offered

IF COLOR manufacturer wants capital, am willing to listen to any proposition. Know the business. BOX 548, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE.—Two 6x8 ft. pebble mills, 16x 40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Offered

FOR SALE—Two 1,000-gallon rubber-lined tanks, one 12,000-gallon rectangular rubber-lined tank, all lined with 3/8 in. gum rubber, practically new. Must be moved quickly. Priced attractively. BOX 587, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—**For chemical plant**, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. BOX 568, Oil, Paint and Drug Reporter.

COPPER VARNISH kettle, new or used, 30 inches or higher, to fit 37-inch inside diameter carriage. Southern Paint & Glass Co., Lakeland, Florida.

Factories Offered

BRICK FACTORY, one story, 50x90, concrete floor, sprinkler system, 24-hour live steam available, railroad siding, unrestricted district in Brooklyn. Rent $125. month. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

FOR SALE—75,000 gallons nitrocellulose solution; 50 tons fish oil soap; 50 tons cod-liver oil fatty acids; 60 tons linseed oil skins; 10 tons single nickel salts; 100 bags varnish gums; 65 drums alkyd varnish; 4 tons "Sturgis" chalk; 10 tons cumar resins, 96°C, m.p. Also other items. What are you in market for? Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Materials Offered

GARNET SHELLAC, 14,000 lbs., packed in bags. Also 40 tons wet ground mica, 45 tons black iron oxide. Can quote attractive prices. Samples upon request. BOX 588, Oil, Paint and Drug Reporter.

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PHARMACEUTICAL CHEMIST, Ph.D. Experienced directing manufacture ampuls, tablets, ointments and galenicals in small laboratory. Knowledge of colloids desirable. State age, education, degrees, experience and qualifications. BOX 583, Oil, Paint and Drug Reporter.

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Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

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HIGHER MARKETS.—sell now. Wanted—surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also, wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

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There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

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2—24 in. Badger Copper Rectifying Columns, complete—others 8 in. to 72 in.
2—Vallez Rotary Filters, 25 filter plates; about 450 sq. ft. of filtering surface.
1—Devine 3 ft. x 9 ft. Double Bronze Drum Rotary Vacuum Drum Dryer.
2—Devine 5 ft. x 30 ft. Rotary Vacuum Dryers.
1—Shriver 42 in. x 42 in. cast iron filter press, plate and frame, 30 chambers.
12—10 ft. x 30 ft. Vertical Closed Steel Storage Tanks, 18,000 gals.
1—400 gals. Stainless Steel Jacketed Kettle.
4—Bartlett and Snow Steel Jacketed Agitated Digestors, 1600 gals.
18—Jacketed Copper and Aluminum Kettles 20 gals. to 500 gals.
1—Proctor and Schwartz 4-truck Dryer, 1000 sq. ft. drying surface.
1—W. & P. Vacuum Mixer, 100 gals.; other W. & P.'s 2-gals. to 2650 gals.
7—3-roll Roller Mills, up to 16 x 40.
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Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetone:—Stockholm, Sweden; purchase (4142).

Alkalies:—Guayaquil, Ecuador; agency (4134).

Bromine:—Zurich, Switzerland; agency (4140).

Calcium chloride:—Stockholm, Sweden; purchase (4142).

Carbon black: — Zurich, Switzerland; agency (4140).

Chemicals, industrial:—Guayaquil, Ecuador; agency (4134).

Chemicals:—Havana, Cuba; purchase and agency (4136).

Chlorophyll:—Buenos Aires, Argentina; purchase (4253).

Dyes:—Rio de Janeiro, Brazil; agency (4132).

Dyes:—Capetown, So. Africa; purcnase (4145).

Dyes: — Guayaquil, E7cuador; agency (4134).

Dyestuffs:—Lima, Peru; purchase and agency (4138).

Fertilizers: — Havana, Cuba; agency (4135).

Litharge: — Johannesburg, So. Africa; agency (4139).

Lithopone:—Hongkong; purchase (4133).

Oil, linseed:—Johannesburg, So. Africa; agency (4139).

Oil, wood:—Toronto, Canada; purchase (4165).

Paints:—San Salvador, El Salvador; purchase (4220).

Pharmaceuticals:—Mexico City, Mexico; agency (4137).

Plastic sheets:—Santiago, Chile; purchase (4211).

Potash nitrate:—Merida, Yucatan; purchase (4254).

Rosin: — Guayaquil, Ecuador; agency (4134).

Xanthophyll:—Buenos Aires, Argentina; purchase (4253).

Soda bicarbonate:—Lima, Peru; purchase and agency (4138).

Soda, caustic: — Stockholm, Sweden; purchase (4141).

Synthetic resins:—Paris, France; agency (4192).

Zinc chloride: — Hongkong; purchase (4133).

Zinc oxide:—Hongkong; purchase (4133).

Codliver Oil Output Curtailed by Britain

On August 26, before England declared war on Germany, the British trawler fleet engaged in cod fishing was recalled and the newer and more modern ships, equipped to extract codliver oil, were taken over by the government. This cut off supplies of new oil at Hull and Grimsby and operations in Aberdeen and Fleetwood were reduced. A part of the fleet at Hull and Grimsby has been transferred to Fleetwood, where the fishing grounds are comparatively sheltered.

Since the beginning of September, bottling of old stocks has continued, but the disorganized state of the codliver oil industry suggests re-establishment of exports is doubted. A smaller production is inevitable and British home requirements get first call on production. A system of export licenses was established in September and licenses were extremely hard to get. On September 25 official control of all oils and fats was established under a special control office in London.

Exports from England to the United States in August, and also for the first eight months of 1939, with comparative figures for 1938 and 1937, were as follows:—

Medicinal Codliver Oil

	Gallons		
	1937.	1938.	1939.
January-July	170,897	185,456	228,318
August	17,373	11,548	....
Totals 8 months..	188,270	197,004	228,318

Poultry Codliver Oil

	Gallons		
	1937.	1938.	1939.
January-July	755,650	120,775	264,651
August	74,415	14,975	36,794
Totals 8 months..	830,065	135,750	401,445

Carbide and Squibb Tie In Drug Bowling Race

Carbide and Carbon Chemicals Corporation and E. R. Squibb & Sons set the pace in the forty-seventh annual tournament of the New York Wholesale Drug Bowling Association. The two teams were tied for first place following completion of the first twelve games to determine handicaps. The standings of the teams follow:—

	Won.	Lost.
Carbide & Carbon	9	3
E. R. Squibb & Sons	9	3
Mallinckrodt	7	5
Chas. L. Huisking	7	5
R.&H.-Du Pont	7	5
American Spice Trade	5	7
Chas. Pfizer & Co.	5	7
Church & Dwight	4	8
Fritzsche Bros.	4	8
Dodge & Olcott	3	9

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FMC
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NEW YORK CITY

Commercial Solvents Earned 34c. Per Share for 9 Months

The Commercial Solvents Corporation, this city, exclusive of corporation's equity in results of Commercial Molasses Corporation, reports for nine months ended September 30, 1939, consolidated net profit of $911,620, after Federal income taxes, equal to 34 cents a share on 2,636,878 shares, comparing with net loss of $218,144, for nine months ended September 30, 1938. Theodore P. Walker, president of the corporation, reported excellent prospects for business during the final quarter of this year.

Shell Chemical Company is making an addition to its storage building at 216 street and Wilmington avenue, Los Angeles, at a cost of $1,150.

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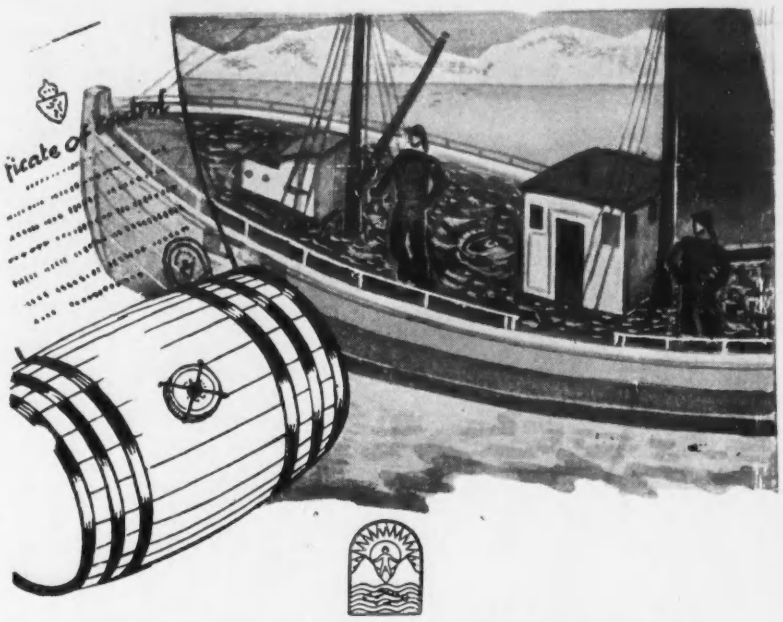

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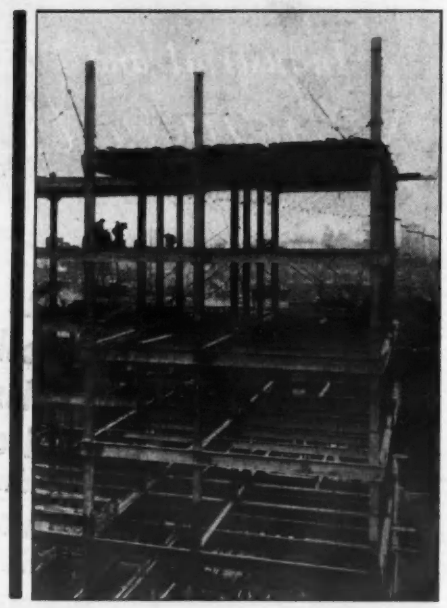

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